INSTRUCTION MANUAL
AX90019-1001

AX10™ RIDGECREST™



www.axialracing.com

AX10 RIDGECREST

CAUTIONS

To prevent serious personal injury and/or property damage, operate all remotely controlled models in a responsible manner as outlined herein.

CHOOSE THE RIGHT PLACE TO OPERATE YOUR R/C MODEL.

- Do not run on public streets or highways. This could cause serious accidents, personal injuries, and/or property damage.
- Never run R/C models near people or animals.
- To avoid injury, do not run in confined spaces.
- Do not run where loud noises can disturb others, such as hospitals and residential areas.
- Never run indoors. There is a high risk of fire and/or damage.

INSPECT YOUR MODEL BEFORE OPERATION.

- Make sure that all screws and nuts are properly tightened. It is also a good idea to use removable thread lock wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- Always test the brakes and throttle before starting your engine to avoid losing control of the model.
- Make sure no one else is using the same radio frequency as you are using.

AFTER OPERATION OF YOUR R/C MODEL

- Turn off receiver first, then turn off transmitter, this will prevent runaways.
- Be careful when handling batteries, they will be hot after running.
- Replace any batteries that have been dented or have frayed wires, short circuits can cause fire.
- Be sure to keep your R/C model clean and free of excess dirt and grease, this will increase the life.

VORSICHT!

Um Verletzungen an Personen und/oder Sachschäden zu vermeiden, sollten alle ferngesteuerten Modelle sorgfältig und verantwortungsbewusst bedient werden,wie nachfolgend beschrieben.

Wählen Sie den richtigen Platz zum Fahren

- Fahren Sie niemals auf öffentlichen Straßen. Dies könnte Verkehrsunfälle, Personen schäden oder Sachschäden verursachen.
- Fahren Sie niemals in der Nähe von anderen Personen oder Tieren.
- Fahren Sie niemals auf belebten Straßen.
- Fahren Sie nie in der Nähe von Wohnhäusern oder Krankenhäusern. Der Lärm könnte andere Personen stören.
- Fahren Sie niemals in Innenräumen. Dort könnte etwas beschädigt werden.

Überprüfen Sie Ihr Modell, bevor Sie es in Betrieb nehmen.

- Gehen Sie sicher, dass alle Schrauben und Muttern festgezogen sind. Verwenden Sie überall dort Schrauben-Sicherungslack, wo Metallschrauben in ein Metallgewinde greifen, besonders bei den Motorhaltern.
- Um Störungen zu vermeiden, benutzen Sie immer voll geladene Akkus in Ihrem Sender und Empfänger.
- Bevor Sie den Motor starten, sollten Sie immer die Funktion der Bremse und des Gashebels testen.
- Gehen Sie sicher, dass niemand mit der gleichen Frequenz fährt wie Sie.

Nach Betrieb des RC Modells:

- Zuerst den Empfänger abdrehen, dann den Sender abdrehen um unkontrolliertes Durchgehen zu vermeiden.
- Seien Sie vorsichtig mit gebrauchten Akkus, sie können nach dem Gebrauch heiß sein.
- Ersetzten Sie Akkus/Batterien die beschädigt sind oder schadhafte Kabel aufweisen, sie können Kurzschlüsse oder Feuer verursachen.
- Halten Sie Ihr Fahrzeug sauber und entfernen Sie Schmutz und Schmierfett, damit erhöhen Sie die Lebensdauer Ihres Modells.

PRECAUTIONS

Afin d'éviter toutes blessures corporelles et/ou dommages environnants, veuillez procéder en toute responsabilité comme indiqué ci-dessous

Choisir le lieu adéquat pour faire rouler votre modèle.

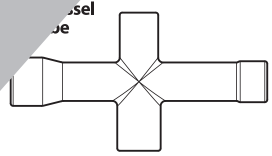
- Ne jamais rouler dans les rues ou sur les routes ouvertes au publique. Ceci peut provoquer de graves accidents.
- Ne jamais rouler près de personnes ou d'animaux.
- Pour éviter les blessures, ne pas rouler dans des espaces confinés.
- Ne jamais rouler où le bruit peut déranger, comme aux abords des hôpitaux ou des quartiersrésidentiels.
- Ne jamais rouler à l'intérieur: les gaz d'échappement sont nocifs.

Controler votre modèle avant chaque utilisation.

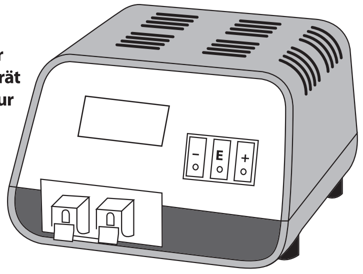
- Vérifier que les vis et les écrour sont bien serrés. Il est trés fortement conseillé d'utiliser du frein filet pour bloquer les vis qui sont en contact avec du métal et tout particulierer ment les vis du moteur.
- Toujours utiliser des batteries bien chargées pour l'émission et la réception.
- Toujours vérifier les freins et la commande des gaz avant de démarrer.
- Vérifier qu'aucune autre personne n'utilise votre fréquence radio.

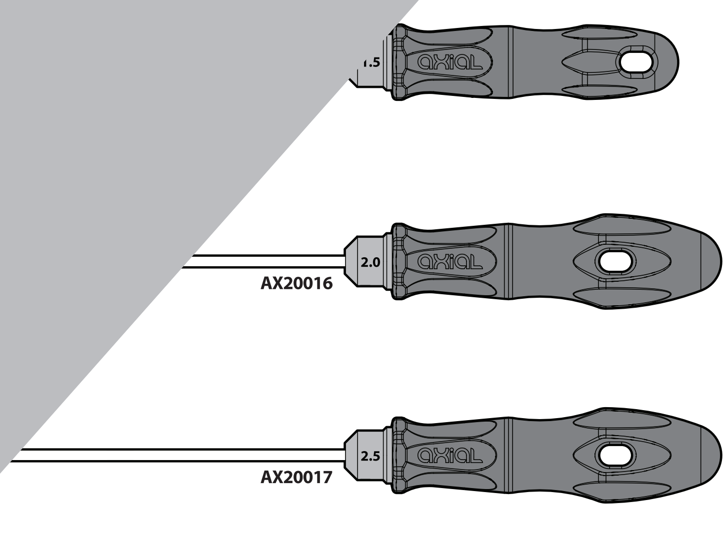
Après l'Opération De Votre Modèle de R/C

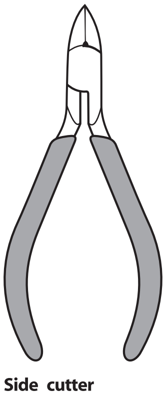
- Le virage du récepteur premier, alors virage de l'émetteur, ceci empêchera des fugitifs.
- Faire attention en contrôlant des piles, ils auront chaud après avoir couru.
- Remplacer n'importe quelles piles qui ont été cabossées ou a éraillé des fils, les court-circuits peuvent causer le feu.
- Etre sûr de garder votre modèle de R/C nettoie et libère de terre et la graisse supplémen taires, ceci augmentera la vie.



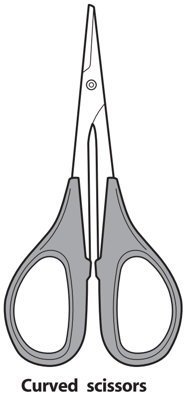
Charger
Ladegerät
Chargeur



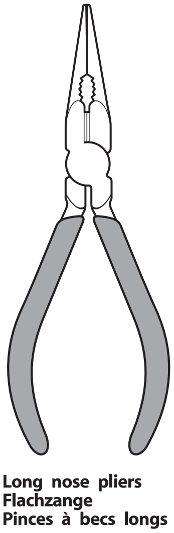




Side cutter
Seitenschneider
Pinces coupantes

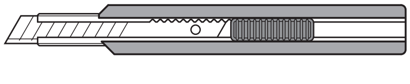


Curved scissors
Schere
Ciseaux



Long nose pliers
Flachzange
Pinces à becs longs

Modeling knife
Modelliermesser
Couteau de modéliste



Warranty Info

Axial Limited Warranty (USA)

Your Axial product is warranted to be free of defects in materials and workmanship when new. This warranty does not cover damages due to normal wear and tear, user's failure to perform routine maintenance, user error of assembly or installation, user modifications, addition of aftermarket parts or option parts. This warranty lasts as long as the original purchaser owns the product, and is not transferable (Verified by dated itemized sales receipt). In the event of a defect under this warranty, Axial will, at our discretion, repair or replace the product, provided our inspection indicates that an original defect exists. Axial reserves the right to replace any product which is no longer available with a product of comparable value and function. If Axial determines the repair is not covered under warranty guidelines, there could be a charge applied for the repair and return shipping charges.

International Customers Warranty

Please return product to the dealer where the purchase was made. If your Axial product purchase was made through an on-line retailer, any warranty issues must be taken care of by that retailer. Axial assumes no responsibility for Axial products sold internationally by on-line retailers.

Service

If you need service on your Axial product here are some simple steps to follow when sending in product in for Warranty/ Repair.

STEP 1:
Contact Axial Customer Service at 949-600-8642 Ext: 206 to receive a Return Merchandise Number (RMA#). **Note:** Axial requires the RMA# to be placed on the return merchandise box when shipped to Axial.

STEP 2:
Please write a short note explaining the issue you experienced with the product.

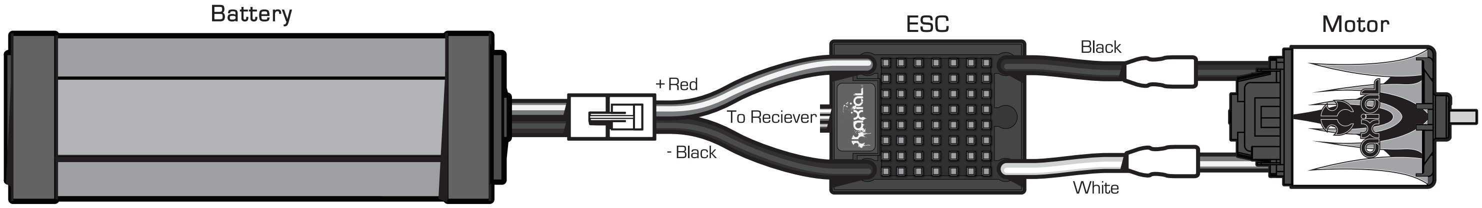
STEP 3:
Include your return address with a daytime phone number and /or e-mail address.

STEP 4:
Please include a Money Order in the amount $10.00 made payable to Axial for return shipping costs although If product is found to be under Axial Warranty coverage, the $10.00 will be refunded to you.

PLEASE NOTE: Tuning issues are not covered under the Axial Warranty and shipping fee's do apply.

Please allow 5-10 working days for product to be returned. Axial ships using United Postal Service Priority mail or UPS Ground. Any expedited shipping must be arranged and prepaid by customer. Axial will not be responsible for lost or damaged packages.

AX24259 AE-2 Forward/Reverse ESC Instructions



Setup:

- Mount the ESC in an area that is well ventilated and isolated from vibration and shock.
- Connect the ESC wires to the motor.
- Plug the receiver wire into the throttle channel on the receiver.
- Before plugging the battery into the ESC, make sure your transmitter is on and the throttle trim is set at zero.
- Plug in the battery to the ESC with the ESC switch in the OFF position.
- Apply full throttle on the transmitter.
- Turn on the ESC switch while applying full throttle.
- The ESC will emit a series of beeps with the red LED.
- Continue applying full throttle until the ESC blinks green and emits a series of beeps.
- Once the esc blinks red, apply full brake/reverse.
- The ESC will emit a series of beeps while blinking red to finalize the brake/reverse endpoint.
- Return the throttle to the neutral position and the ESC will emit a series of beeps to finalize the neutral point.
- The ESC will emit a final series of beeps confirming the ESC is ready to work.
- Apply throttle to make sure the motor is going the direction you wanted. To reverse the direction of the motor, switch the wires going to the motor.

Do not reverse the battery wire connections! Reversing the battery polarity will permanently damage the ESC.

Specifications:	
Input voltage:	6 Cell Ni/2S LiPo
Size:	1.7 inx1.24 in
Weight:	45 grams
Motor Limit:	19T
On-Resistance FET:	.0018
Rated/Peak Current:	106A Peak
Braking Current:	106A Peak
BEC Voltage/A:	5.0V 2.0A Peak
PWM Frequency:	6 KHZ

Notes:

- If ESC setup does not initialize when holding the full throttle, try switching the throttle reversing switch on the transmitter.
- LiPo Cut-Off is set to "ON" from the factory.
- Use the Castle Link to access the advanced settings in the ESC.
  Visit http://www.castlecreations.com/ for more information on the Castle Link USB Programming Kit.

CAUTION

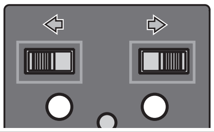
CONNECT THE BATTERY PACK JUST BEFORE DRIVING AND DISCONNECT IT IMMEDIATELY AFTER.
ALWAYS MAKE SURE YOU ARE CONNECTING THE ESC TO A PROPER POWER SOURCE THAT HAS THE CORRECT VOLTAGE & POLARITY. INCORRECT VOLTAGES OR REVERSED POLARITY WILL DAMAGE THE ESC.
ONCE THE BATTERY PACK IS CONNECTED, HANDLE THE MODEL WITH EXTREME CARE, MAKE SURE YOU ARE CLEAR OF ALL ROTATING PARTS.

INSTRUCTION MANUAL FOR AX-3 2.4GHZ SYSTEM

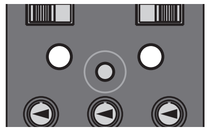
SETUP BEFORE STARTING - EINSTELLUNG VOR DEM START

Steering and Throttle Reverse Switch
Servo Reverse Schalter

Servo Factory Settings
Beachten Sie die Pfeile für die
Servo Grundeinstellung



Binding Button
Binding Taster

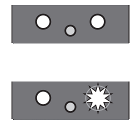


ST.D/R
Steering Dual Rate
Maximaler Lenkausschlag



To be used to adjust steering servo rate and range.
Einstellung des maximalen Lenkausschlages.

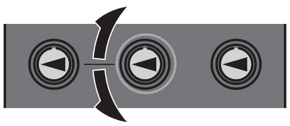
Battery Level Indicator
Batterie Statusanzeige

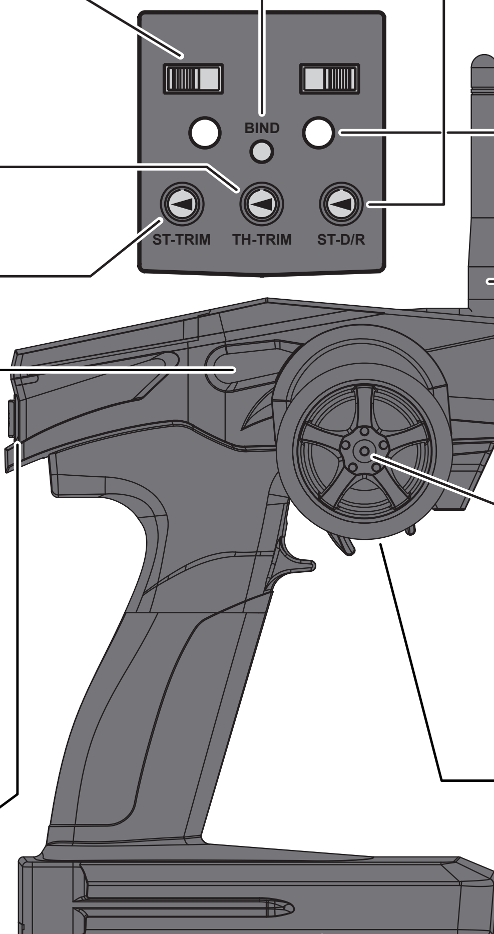


When the batteries are low the green indicator light will flash.

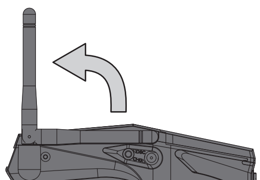
Throttle Trim
Gastrimmung

To be used for trimming the throttle operation.
Wird verwendet um den Gasnullpunkt einzustellen.



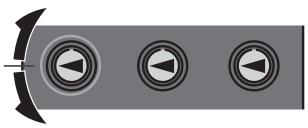


Antenna/Antenne
Flip the antenna up before use



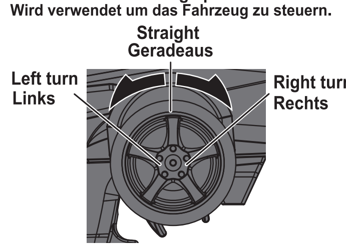
Steering Trim
Lenktrimmung

To be used for trimming the steering operation.
Wird verwendet, um den Geradeauslauf einzustellen.

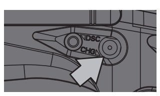


Steering Wheel
Lenkrad

To be used for steering operation.
Wird verwendet um das Fahrzeug zu steuern.



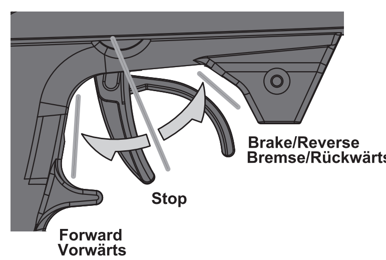
Charger plug in
Ladebuchse



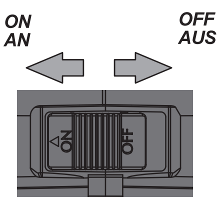
※ Rechargeable AA batteries required. Charger not included. Nutzen Sie diese Ladebuchse nur mit aufladbaren Batterien.

Throttle Trigger
Gas/Brems Hebel

To be used for throttle operation.
Um das Fahrzeug zu beschleunigen & abzubremsen.



Power Switch
Ein/Aus Schalter



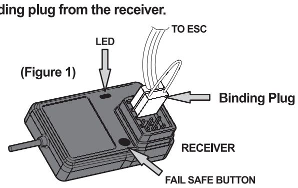
RADIO BINDING INSTRUCTIONS

The radio system is bound from the factory so no binding should be necessary. However, if you are matching a new receiver to the transmitter, please follow these steps:

1. Install AA batteries into the transmitter.
2. Insert the binding plug into CH 3 port on the receiver. (Figure 1)
3. Turn on the receiver. You will notice the two LED's are now flashing meaning the receiver is in 'seek' mode and ready to find the transmitter.
4. Press and hold the binding button on the transmitter while turning on the power switch. (Figure 2)
5. The LED's on the receiver should stop flashing indicating it's now bound to the transmitter.
6. Release the binding button on the transmitter and remove the binding plug from the receiver.
7. Turn off the receiver, then turn off the transmitter. Once powered on again, radio binding has been completed.

If the system did not bind please repeat step's 1-7 again or call Axial Customer Service: (949) 600-8642. NOTE: the AX-3 transmitter will only bind with the AR-3 receiver

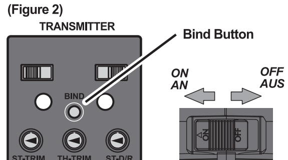
(Figure 1)



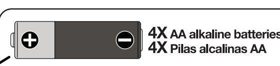
Fail Safe Programming

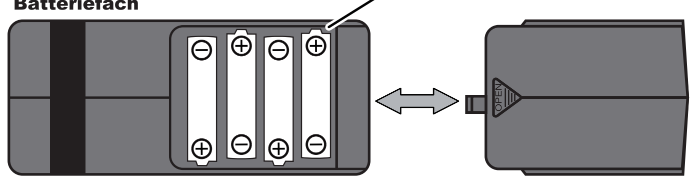
1. With the radio system bound and powered up, position the throttle trigger to the stop position. For electric applications with drag brake, put the trigger in the stop position. For Nitro applications, position the throttle to apply some amount of brake.
2. With the throttle trigger positioned to desired fail safe position press and hold the button on the receiver until the red LED starts flashing. As soon as it starts flashing release the button; it will then flash for 3 more seconds. Fail safe is now programmed.
3. To test, elevate your vehicle so the tires are off the ground. Apply some throttle and turn the transmitter off. If the throttle returns to neutral within a few seconds, fail safe is programmed correctly. If your vehicle keeps running, fail safe was not programmed correctly; repeat steps 1 and 2.

(Figure 2)



Battery Cover
Batteriefach





Transmitter Battery Installation/Einglegen der Senderbatterien

Open battery cover at bottom of transmitter. Install batteries. Follow the direction of batteries designated in the inside of battery box.
Öffnen Sie das Batteriefach an der Unterseite des Senders. Legen Sie die Batterien entsprechende der angegebenen Polarität ein.

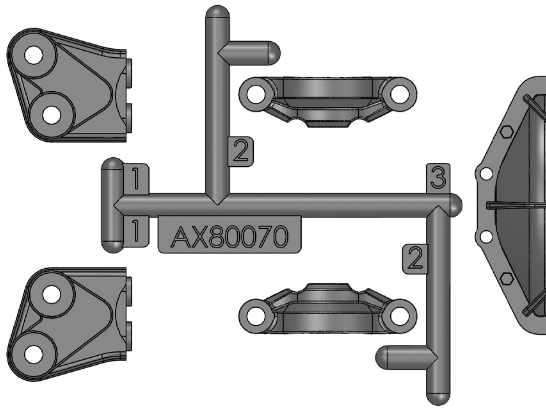
! ATTENTION
Do not mix batteries of different ages or types.
Mischen Sie keine Batterien verschiedenen Typs oder Alters.

CAUTION
- NEVER RUN R/C MODEL IN CROWDED AREA OR NEAR SMALL CHILDREN
- PROTECT YOUR SYSTEM FROM MOISTURE
- REMOVE BATTERY FROM R/C MODEL WHEN STORING

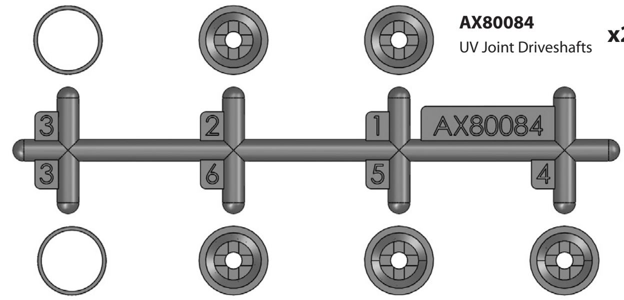
CAUTION

Trouble Shooting / Fehlerbehebung / Dépannage

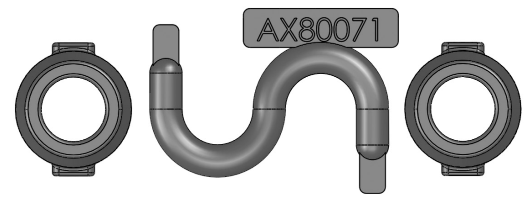
Problem *Problem* *Problème*	*Cause* *Grund* *Cause*	*Remedy* *Lösung* *Remède*
Does not move *Das Auto fährt nicht* *Le véhicule ne boughe pas*	*Batteries are not installed properly in the transmitter.* *Die Batterien sitzen nicht korrekt im Sender.* *Les piles ne sont pas placées correctement dans l'émetteur.*	*Make sure batteries are properly installed.* *Legen Sie die Batterien korrekt ein.* *Positionnez correctement les piles dans l'émetteur.*
	Weak or no battery in model. *Leerer oder kein Akku im Auto.* *Batterie faible ou non installée*	*Install charged battery.* *Einbauen eines geladenen Akkus.* *Mettez en place une batterie chargée*
	Damaged motor. *Kaputter Motor.* *Moteur endommagé*	*Replace with new motor.* *Austausch durch einen neuen Motor.* *Remplacez par un nouveau moteur*
	Frayed or broken wiring. *Beschädigte Verkabelung.* *Câble dénudé ou coupe*	*Splice and insulate wiring completely.* *Erneuern und isolieren Sie die kaputte Stelle.* *Faites une épissure et isolez complètement le câble.*
	ESC is shut down by heat protection circuit. *Notabschaltung des Reglers wegen Überhitzung.* *Le système ESC est fermé par le circuit de protection thermique.*	*Stop driving immediately, do not drive the car until the Speed Controller cools down.* *Fahren Sie nicht weiter. Warten Sie bis der Fahrten regler abgekühlt ist.* *Arrêtez immédiatement de conduire, ne pilotez pas la voiture tant que le contrôleur de vitesse n'a pas refroidi.*
No Control. *Keine Kontrolle über das Auto Pas de contrôle*	*Improper antenna on transmitter or model.* *Zu kurze Antenne am Sender oder Auto.* *Antenne inadéquate sur l'émetteur ou le véhicule*	*Install charged or fresh batteries.* *Einbauen voller Batterien.* *Mettez des batteries rechargées ou neuves.*
	Weak or no batteries in transmitter or model. *Leere oder keine Batterien im Sender oder Auto.* *Batterie faible ou absente dans l'émetteur ou le véhicule.*	*Fully extend antenna.* *Ziehen Sie die Antenne vollständig aus.* *Dépliez complètement l'antenne.*
	Another radio control model using same frequency. *Ein anderes ferngesteuertes Modell verwendet die gleiche Frequenz.* *Un autre véhicule radio-commandé utilise la même fréquence.*	*Try a different location or wait for the other person to finish.* *Fahren Sie auf einem anderen Platz oder warten Sie, bis das andere Modell ausgeschaltet ist.* *Allez ailleurs ou attendez que l'autre personne ait terminé.*
	Neutral position or trim is incorrect. *Neutralposistion oder Trimmung sind verstellt.* *La position neutre est incorrecte ou le trim n'est pas réglé.*	*Adjust the steering trim.* *Stellen Sie die Lenkungstrimmung neu ein.* *Réglez le trim de direction.*
	Are the connectors and crystal inserted properly? *Sitzen alle Stecker und der Quarz richtig?* *Est-ce que les connecteurs et le quartz sont correctement mis en place ?*	*Reinstall connectors and crystal into the receiver.* *Überprüfen Sie die Steckverbindungen und den Quarz.* *Remettez en place les connecteurs et le quartz dans le récepteur.*
Steering and Throttle Function Reversed. *Lenkung und Gas funktionieren genau verkehrt herum.* *Direction et accélération inverses.*	*Servo reverse switch is in wrong position.* *Servorichtungs-Schalter ist in der falschen Position.* *L'interrupteur de marche arrière du servo est dans la mauvaise position*	*Set to correct position.* *Satz, Position zu korrigieren* *Vérifiez la position correcte*
	Please check that the wires from ESC to motor are connected properly. *Bitte überprüfen Sie, ob die Kabel vom Regler zum Motor richtig sitzen.* *Veuillez vérifier que les fils allant de l'ESC au moteur sont correctement raccordés.*	*Check to make sure motor and ESC are properly connected.* *Kontrolle sich zu vergewissern, dass Motor und ESC ordentlich verbunden sind.* *Le contrôle pour assurer que le moteur et ESC est convenablement connecté.*



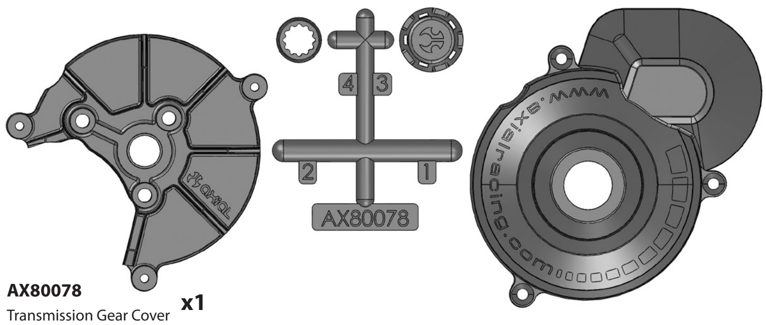
AX80070 x2
Axial Diff Cover



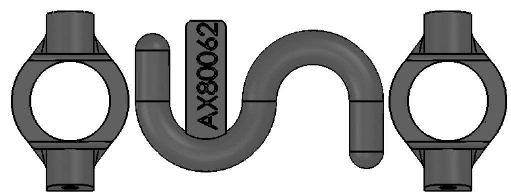
AX80084 x2
UV Joint Driveshafts



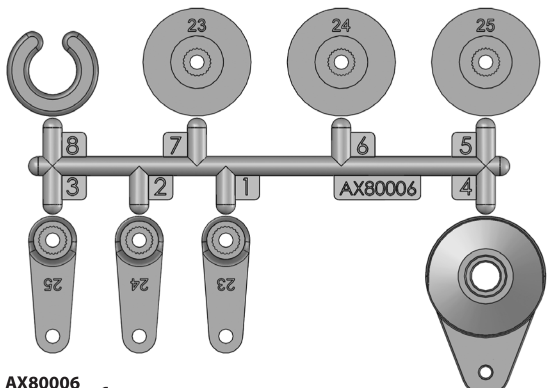
AX80071 x1
Straight Axle Adapter Rear



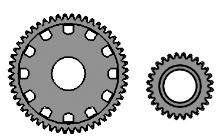
AX80078 x1
Transmission Gear Cover



AX80062 x1
XR10 C Hub Carrier Set

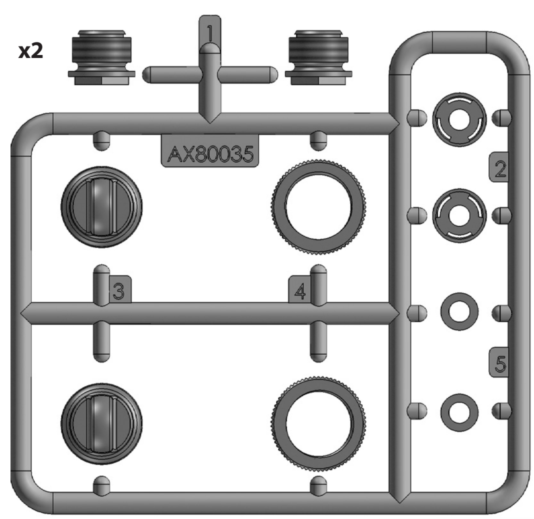


AX80006 x1
Servo Set

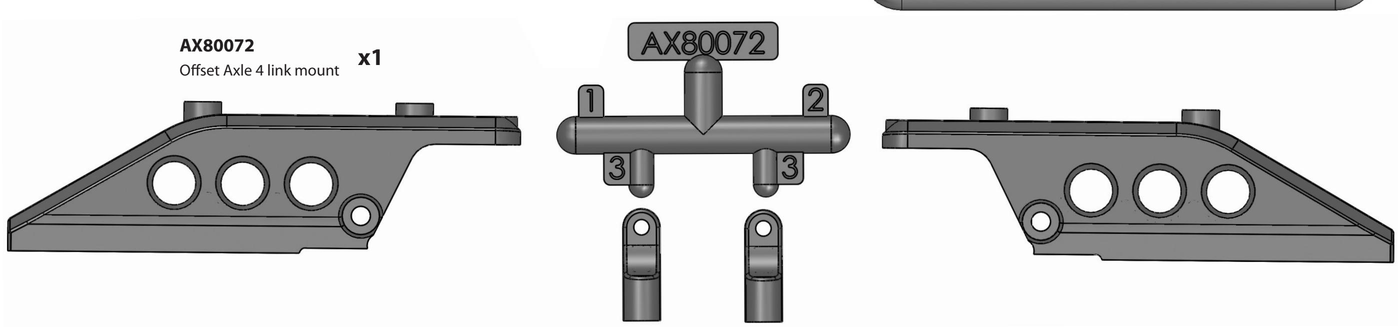


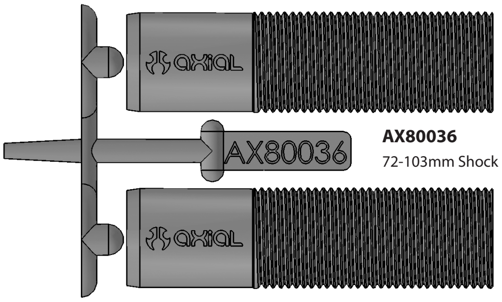
AX80010 x1
Gear Set

AX80035 x2
10mm Shock Caps Set

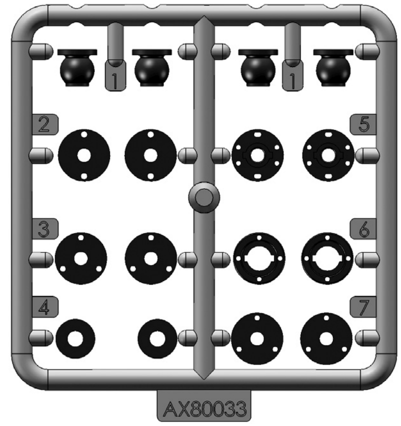


AX80072 x1
Offset Axle 4 link mount

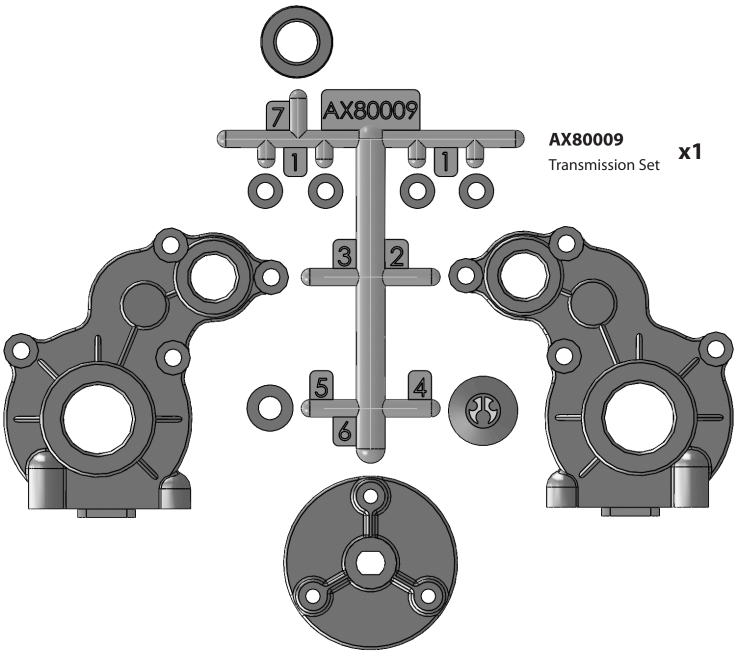




AX80036 x2
72-103mm Shock Body

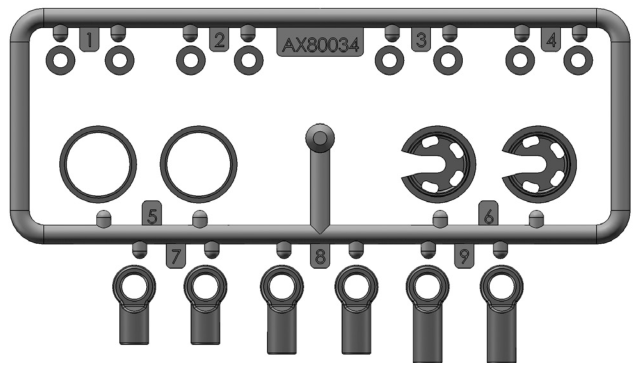


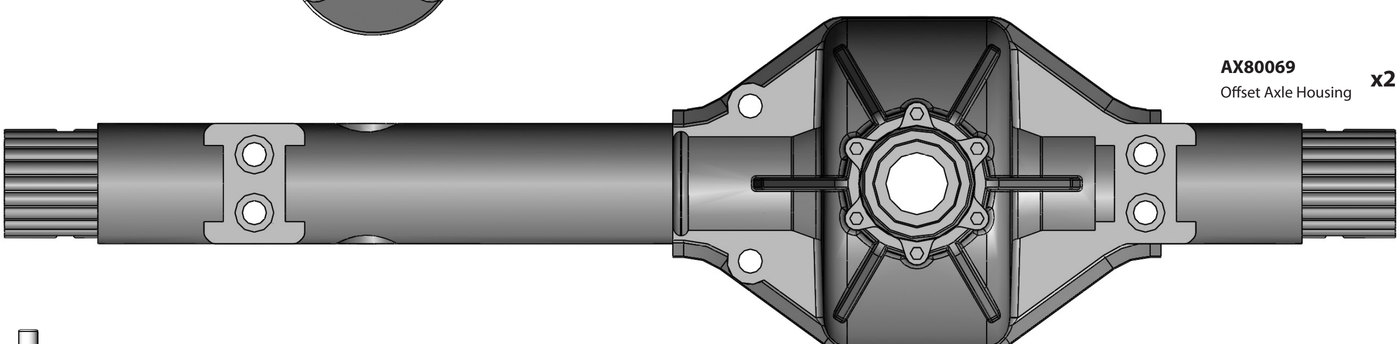
AX80033 x2
10mm Shock Set 1



AX80009 x1
Transmission Set

AX80034 x2
10mm Shock Set 2





AX80069 x2
Offset Axle Housing



AX30419 x1
Solid Axle Dogbone 7x69mm



AX30419 x1
Solid Axle Dogbone 7x125mm

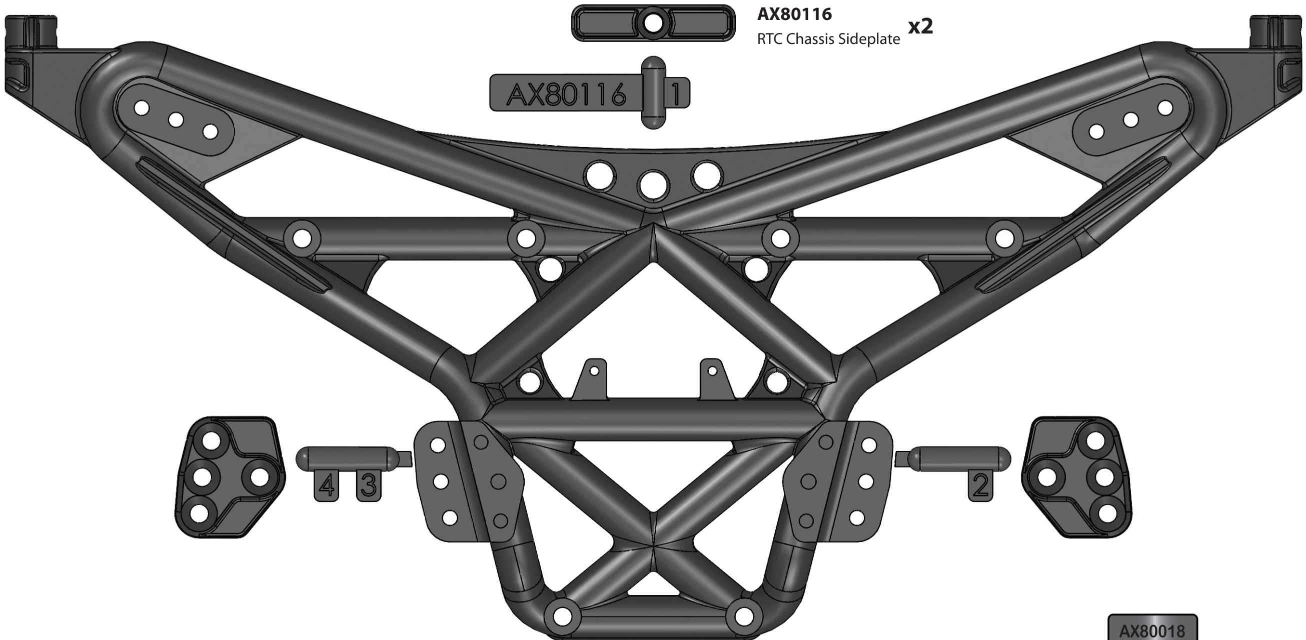


AX30776 x1
Straight Axle Shaft 6x104.2mm

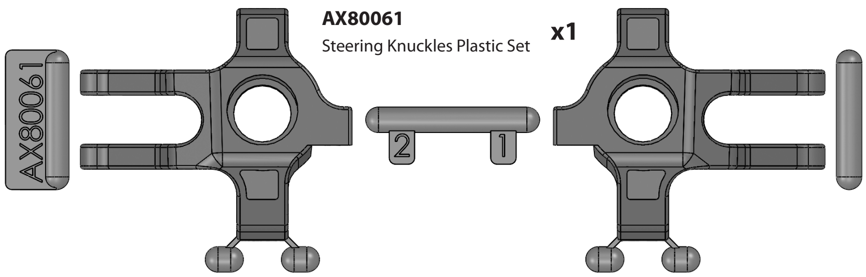
AX30155 x4
Shock Shaft 3x59.5



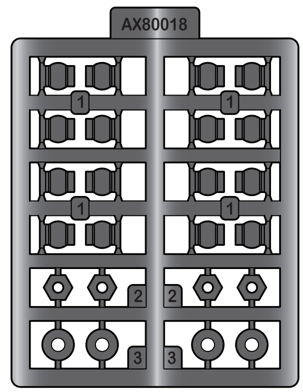
AX30776 x1
Straight Axle Shaft 6x160.2mm



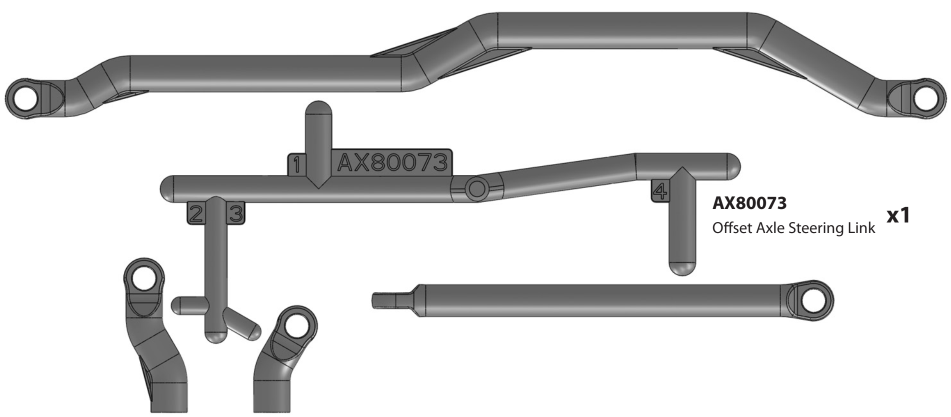
AX80116 x2
RTC Chassis Sideplate



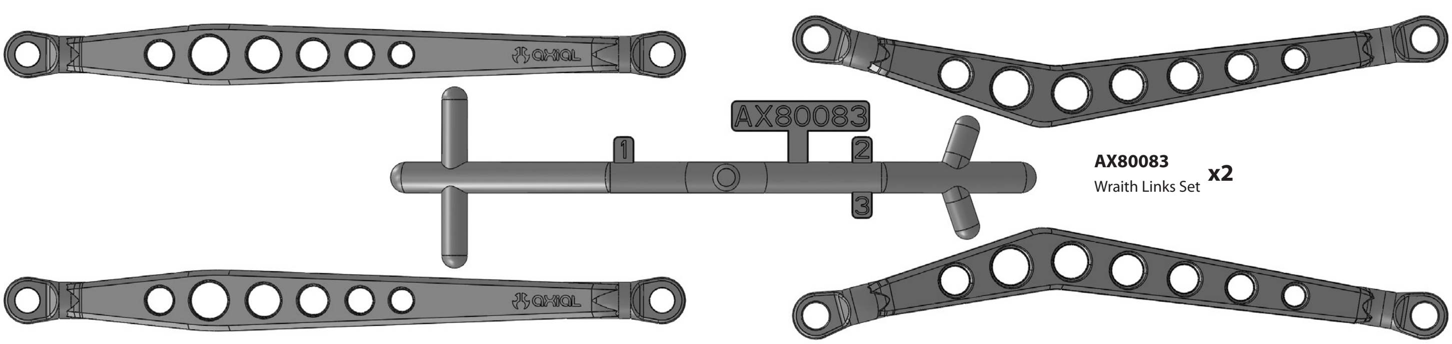
AX80061 x1
Steering Knuckles Plastic Set



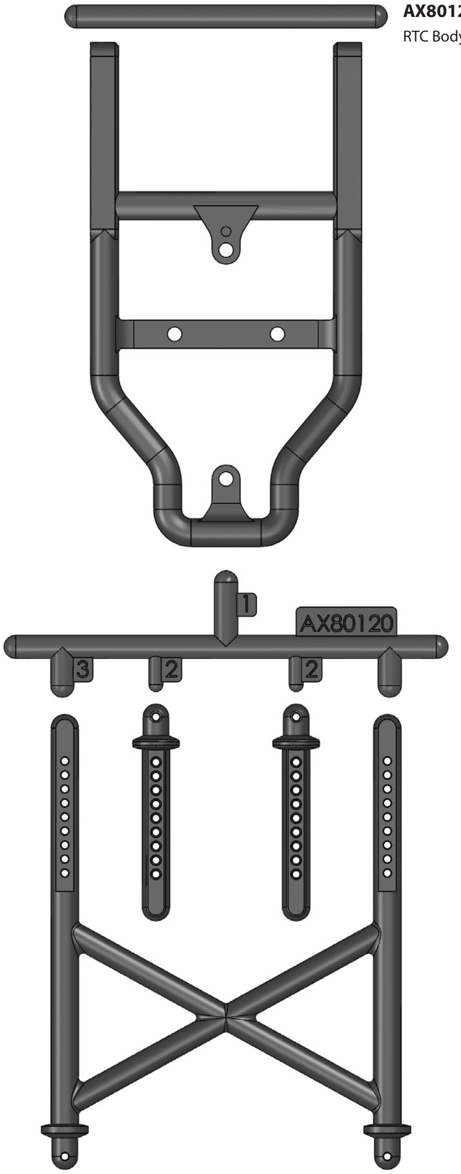
AX80018 x2
Hardware Parts Tree



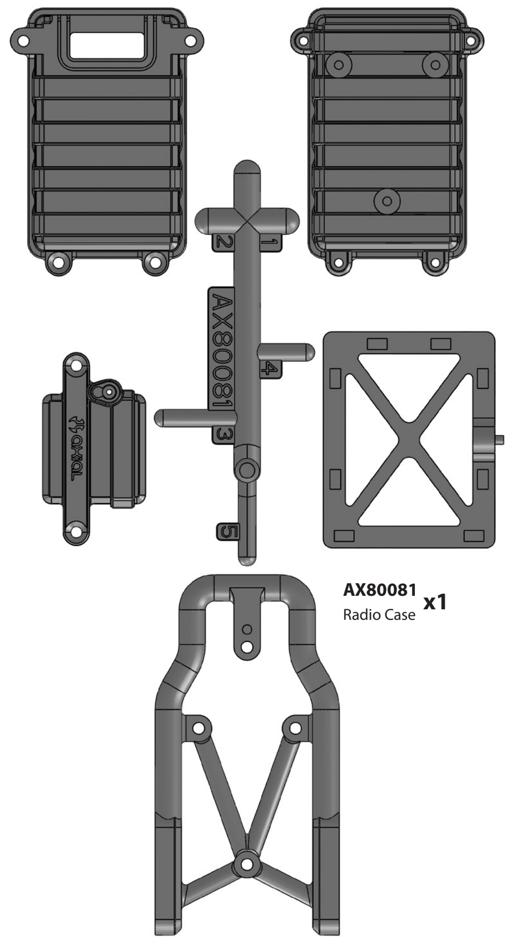
AX80073 x1
Offset Axle Steering Link



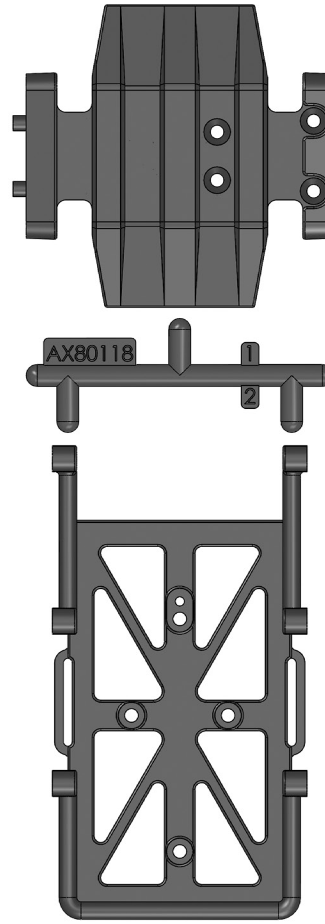
AX80083 x2
Wraith Links Set



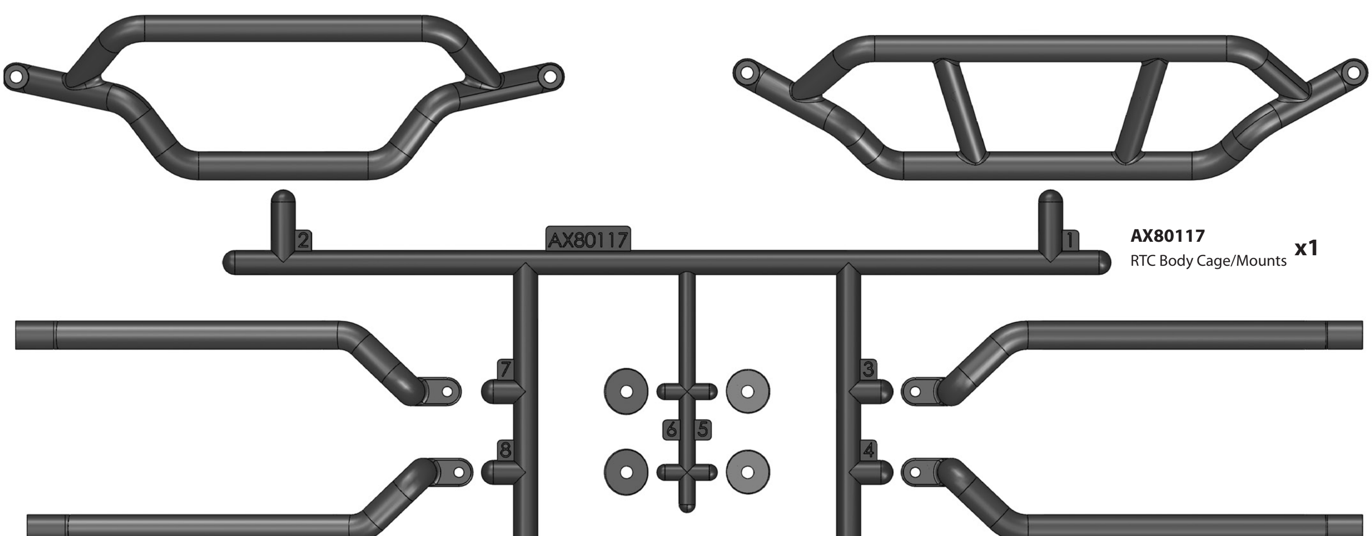
AX80120
RTC Body Mounts/Receiver Mount **x1**



AX80081
Radio Case **x1**



AX80118
RTC Battery Tray/Skid Plate **x1**



AX80117
RTC Body Cage/Mounts **x1**

AX30162 Pin 1.5x8mm **x2**

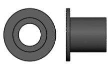

AX30163 Pin 2x10mm **x6**

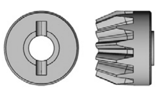
AX30166 Pin 1.5x11mm **x4**

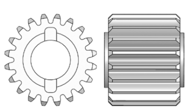

AXA180 M3x3mm **x10**

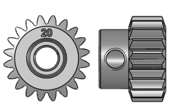

AXA175 Screw Shaft M3x2.5x11mm **x4**


AX30463 Universal Joint Axle Pin holder **x4**

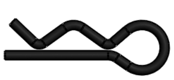

AX30450 Flange Pipe 3x4.5x5.5 **x4**


AX30393 13T Bevel Gear **x2**

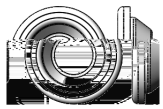

AX30394 20T Drive Gear **x1**

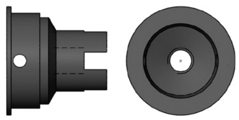

AX30578 Pinion 48DP 20T **x1**

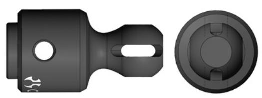

AX30190 Shaft 5x18 **x1**

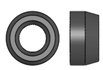

AXA1059 6mm Body Clips **x8**

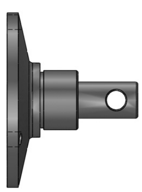

AX30198 Slipper Drive gear Shaft 5x53.5 **x1**

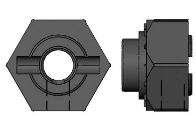

AX30112 Shock Diaphragm 13x4.5mm **x4**


AX30784 Drive Shaft Coupler **x4**


AX30785 Drive Shaft Output **x4**


AX30113 Rubber Bump Stop 3.6x7x4 **x4**

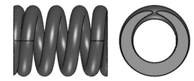

AX30435 Steel Outdrive Shaft **x2**

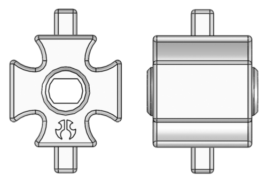

AX30429 12mm Locking Hub **x4**

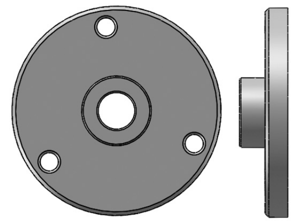

AX30368 Axle 6x39mm **x2**

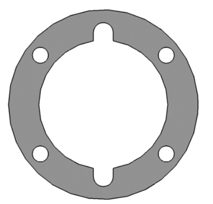

AX30218 Spring 14x70mm - Super Soft (Red) **x4**

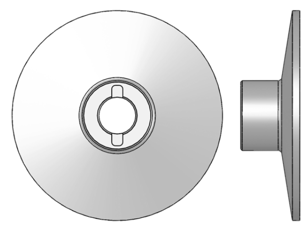

AX30408 Input Shaft 5x29mm **x2**

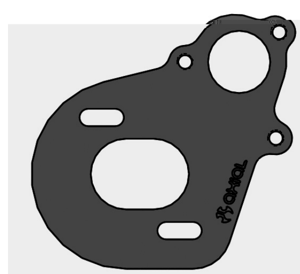

AX30413 Slipper spring **x1**

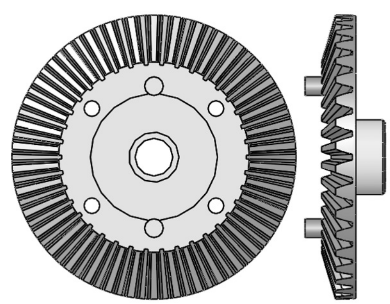

AX30500 Heavy Duty Locker **x2**


AX30411 Outer Slipper Plate **x1**


AX30385 Diff Gasket 16x25x0.5mm **x2**


AX30410 Inner Slipper Plate **x1**


AX30491 AX10 Scorpion Motor Plate **x1**


AX30392 38T Bevel Gear **x2**


AX30777 56x17mm Servo Plate **x1**

AXA1041 M2.5 Nylon Lock Nut x4

AXA1052 M3 Thin Nylon Locking Hex Nut x16

AXA1053 M3 Nylon Locking Hex Nut x6

AXA1069 Washer 2.7x6.7x0.5 mm x8

AXA1070 Washer 3x6x0.5 mm x6

AXA1071 Washer 4x8x0.5mm x1

AXA1090 Washer 4.8x14 (Green) x4

AXA1091 Washer 5x10x0.5mm x1

AXA1184 O-Ring 7.5x1.5mm x4

AXA1202 O-Ring 3.5x2mm x8

AXA1218 Bearing 5x10x4mm x4

AXA1221 Bearing 5x11x4mm x10

AXA1230 Bearing 10x15x4mm x6

AXA1225 Bearing 8x16x5mm x2

AXA1280 M3x10mm Servo Flange Screw x4

AXA1393 E2.5 e-clip x2

AXA1045 M4 Nylon Lock Nut x5

AXA013 M2x6mm x5

AXA015 M2x10mm x16

AXA083 M3x6mm x5

AXA087 M3x16mm x8

AXA089 M3x25mm x3

AXA088 M3x20mm x1

AXA091 M3x30mm x2

AXA0113 M3x6mm x1

AXA117 M3x15mm x3

AXA118 M3x18mm x8

AXA144 M3x8mm x4

AXA0412 M2.6x6mm x4

AXA0414 M2.6x10mm x5

AXA0416 M2.6x18mm x2

AXA463 M3x6mm x2

AXA464 M3x8mm x4

AXA465 M3x10mm x6

AXA466 M3x12mm x8

AXA433 M3x6mm x18

AXA434 M3x8mm x6

AXA435 M3x10mm x24

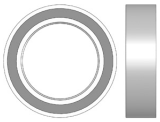
AXA436 M3x12mm x5

AXA439 M3x20mm x6

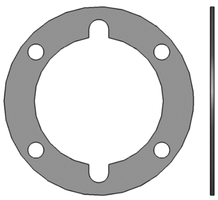
AXA441 M3x30mm x4



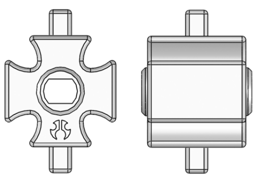
AXA015 **x8**
M2x10mm



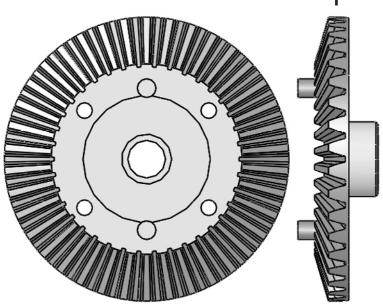
AXA1230 **x4**
Bearing 10x15x4mm



AX30385 **x2**
Diff Gasket 16x25x0.5mm



AX30500 **x2**
Heavy Duty Locker



AX30392 **x2**
38T Bevel Gear



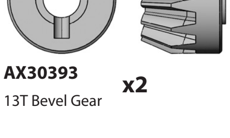
AX30163 **x2**
PIN 2.0x10mm



AXA1393 **x2**
E2.5 e-clip

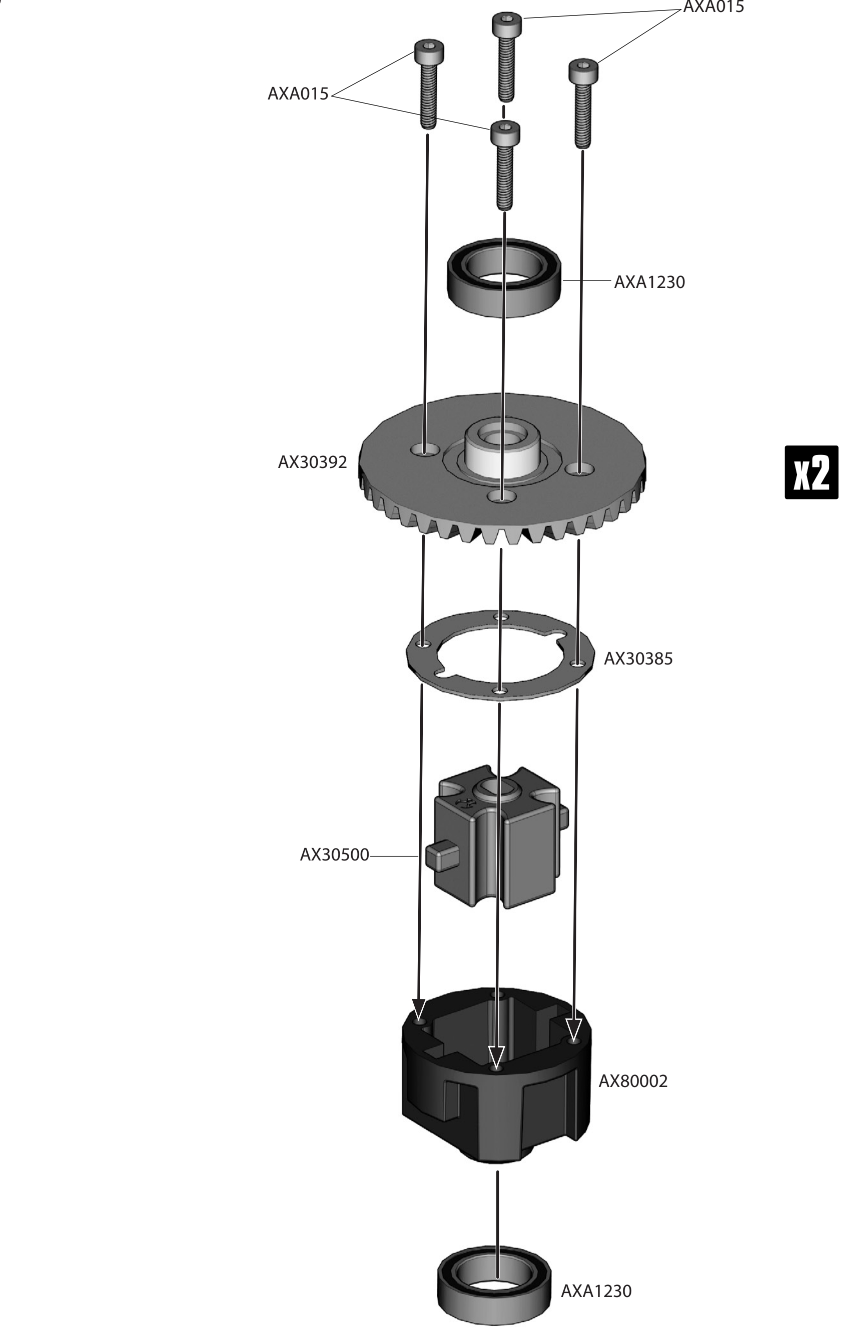


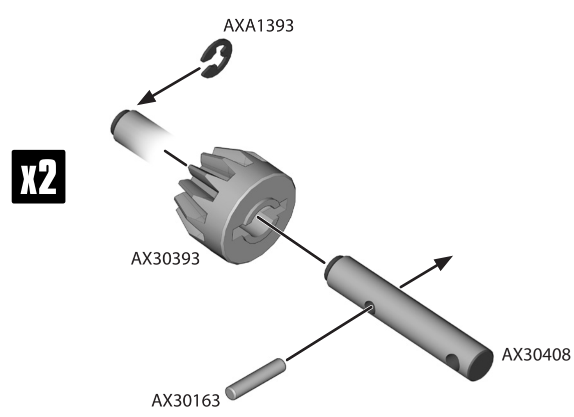
AX30408 **x2**
Input Shaft 5x29mm



AX30393 **x2**
13T Bevel Gear

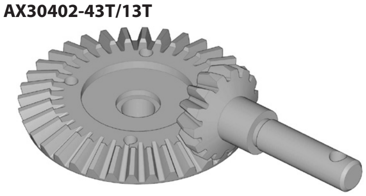
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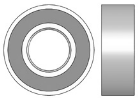
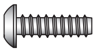




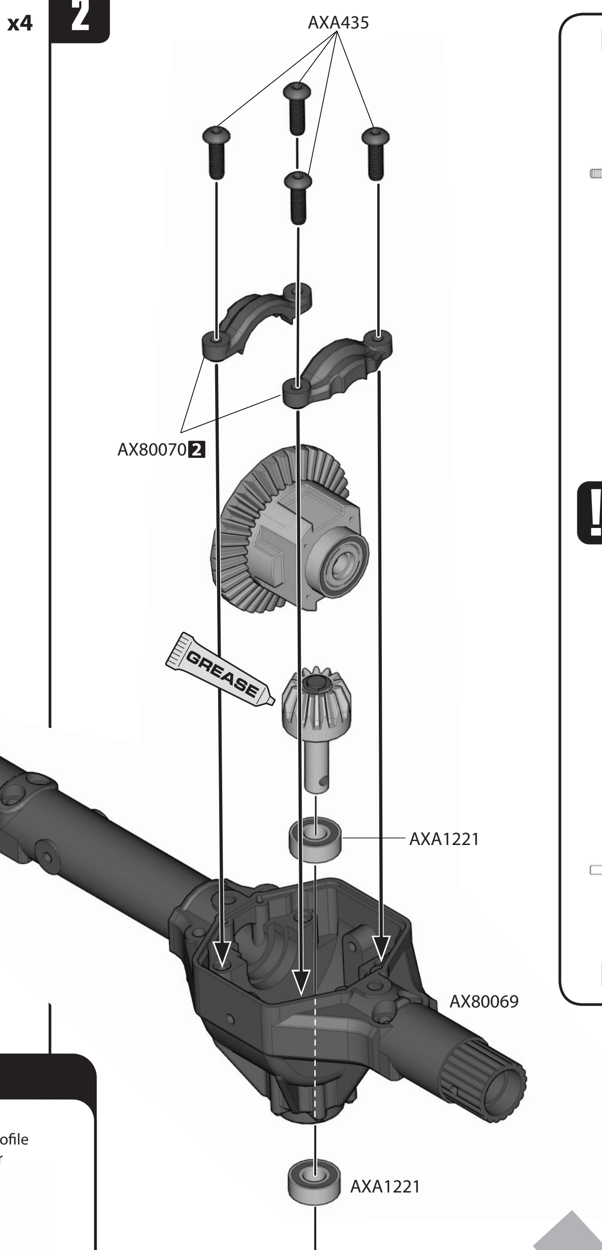
Option Parts

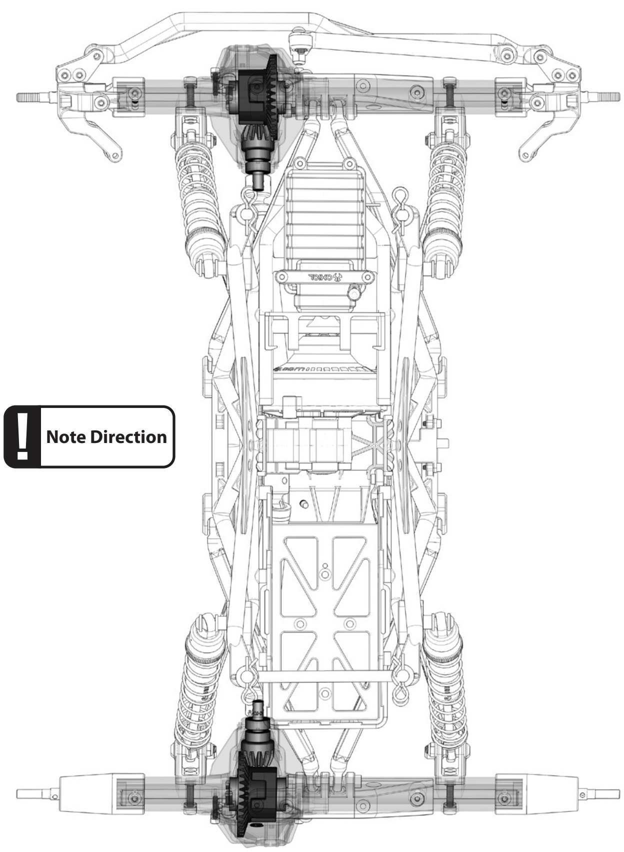
Heavy Duty Bevel Gear Set
AX30395-38T/13T
AX30401-36T/14T
AX30402-43T/13T



	Part	Qty
	**AXA1221** Bearing 5x11x4mm	**x4**
	**AXA435** M3x10mm	**x8**
	**AXA015** M2x10mm	**x8**

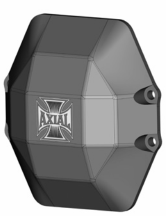
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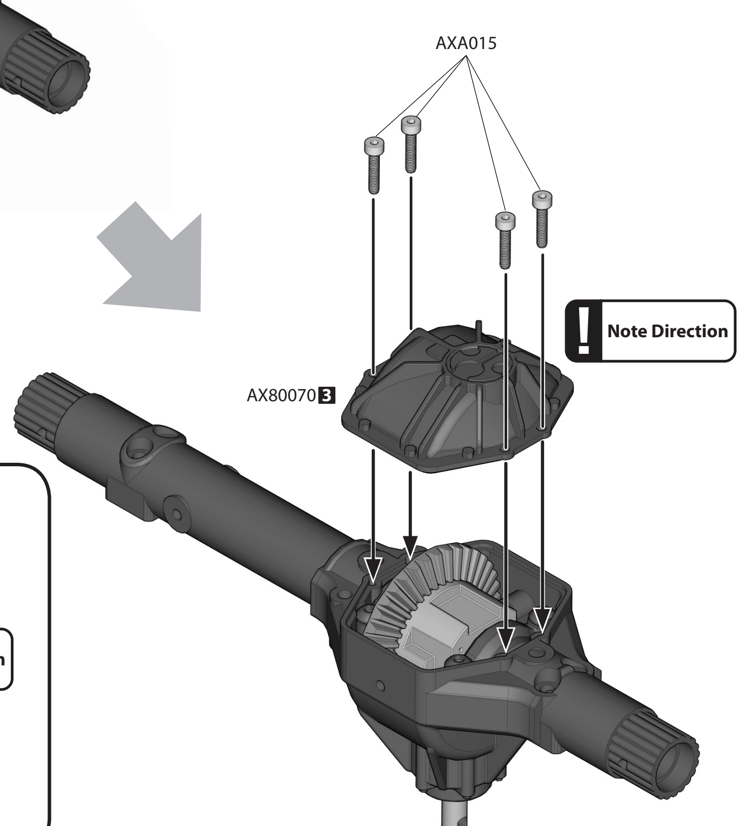


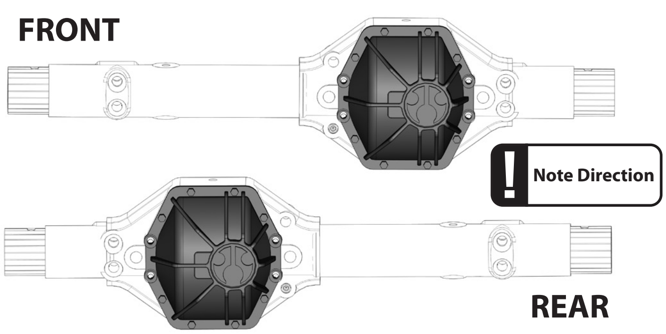


Option Parts

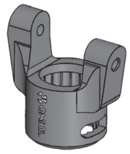
AX30829
Axial AR60 OCP Machined Low Profile Differential CoverDifferential Cover



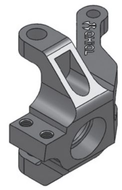




Option Parts

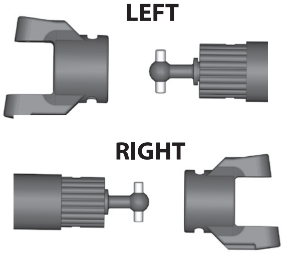


AX30762
Aluminum C Hub Carrier

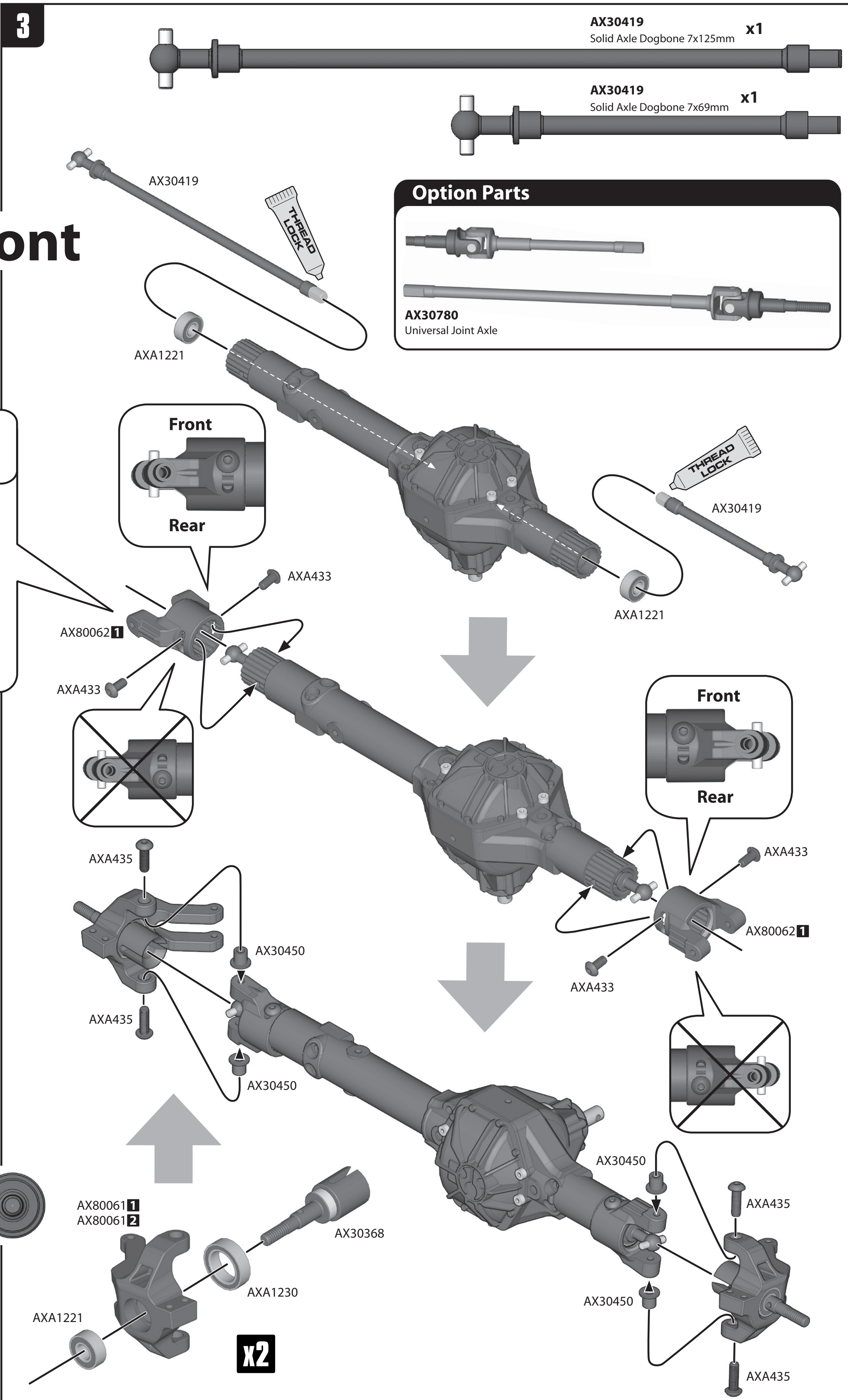


AX30760
Aluminum Steering Knuckle

! Note Direction

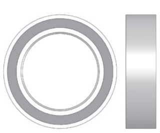


Front

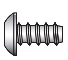




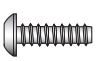
AXA1221 x4
Bearing 5x11x4mm



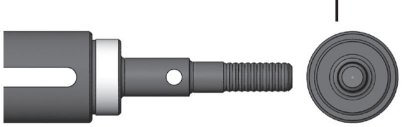
AXA1230 x2
Bearing 10x15x4mm



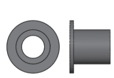
AXA433 x4
M3x6mm



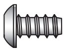
AXA435 x4
M3x10mm



AX30368 x2
Axle 6x39mm



AX30450 x4
Flange Pipe 3x4.5x5.5

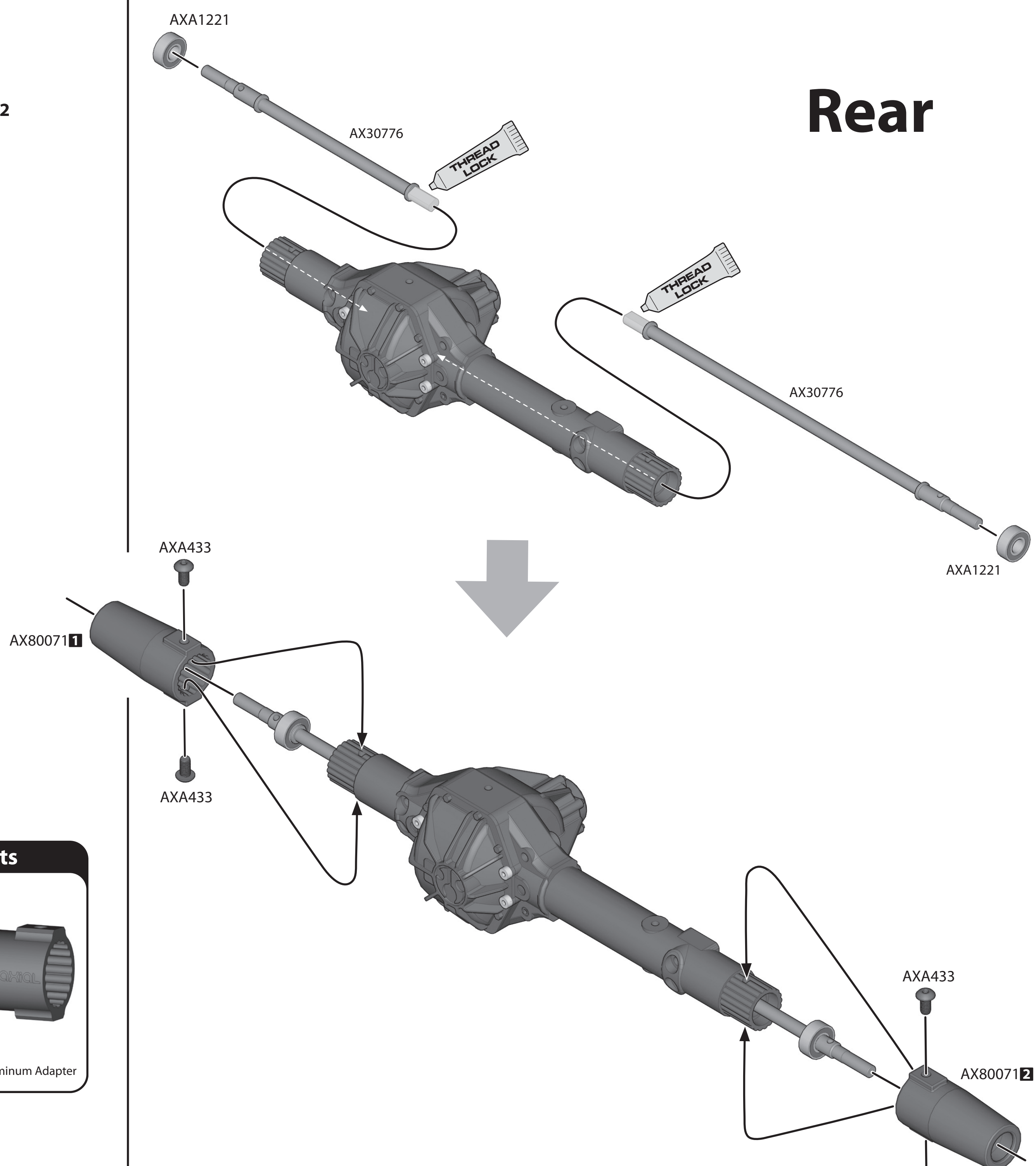


AXA433 **x4**
M3x6mm



AXA1221 **x2**
Bearing 5x11x4mm

4



Option Parts



AX30789
Rear Straight Axle Aluminum Adapter



AX30776 **x1**
Straight Axle Shaft 6x104.2mm



AX30776 **x1**
Straight Axle Shaft 6x160.2mm

AXA1052
M3 Thin Nylon Locking Hex Nut
x4

AXA464
M3x8mm
x1

AXA465
M3x10mm
x1

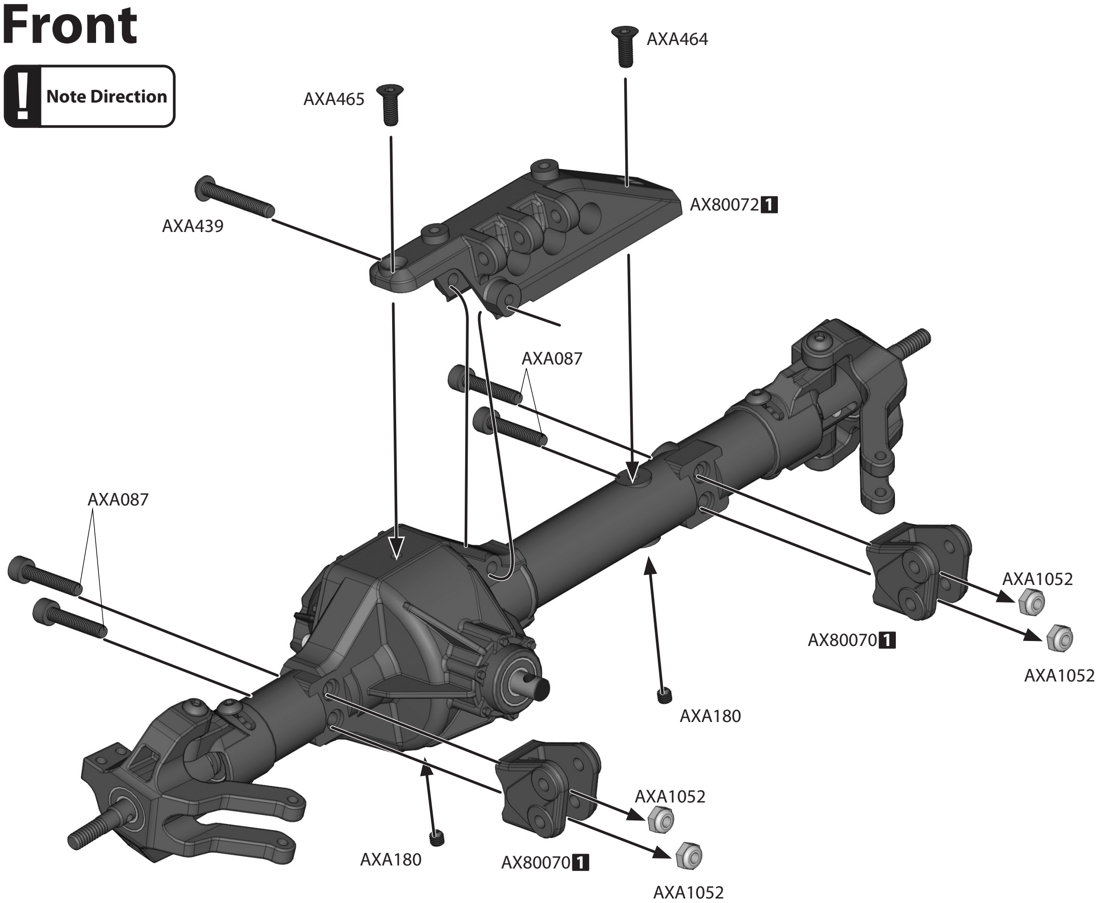
AXA087
M3x16mm
x4

AXA439
M3x20mm
x1

AXA180
M3x3mm
x2

5 Front

! Note Direction



AXA1052
M3 Thin Nylon Locking Hex Nut
x4

AXA464
M3x8mm
x1

AXA465
M3x10mm
x1

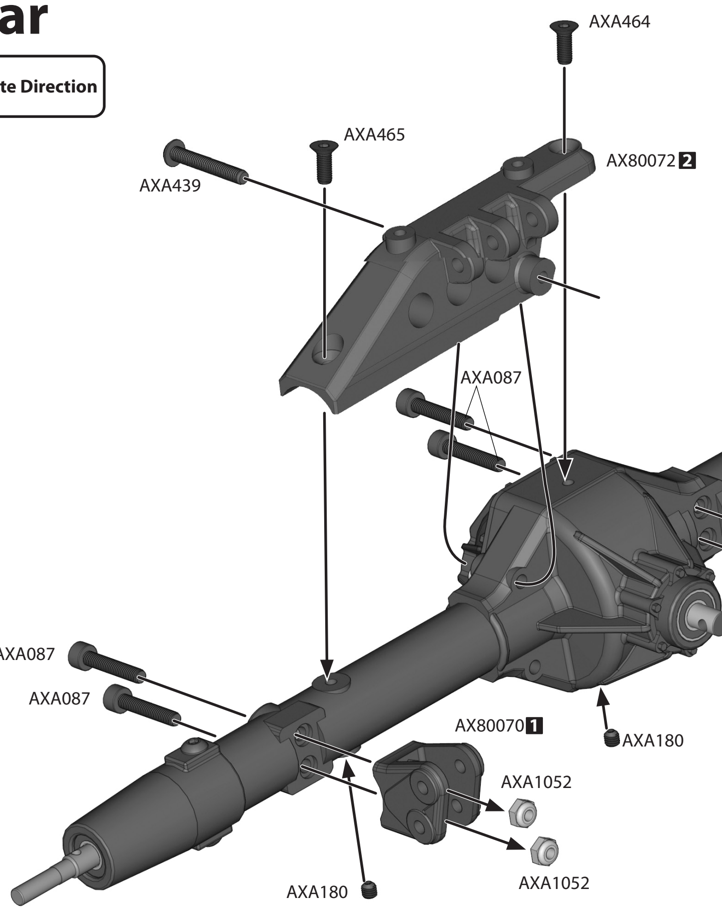
AXA087
M3x16mm
x4

AXA439
M3x20mm
x1

AXA180
M3x3mm
x2

6 Rear

! Note Direction



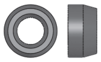
Option Parts

AX30830
Axial AR60 OCP Machined Link Mounts





AXA1041 x4
M2.5 Nylon Lock Nut



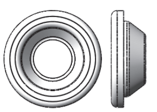
AX30113 x4
Rubber Bump Stop 3.6x7x4



AXA1202 x8
O-Ring 3.5x2mm



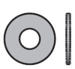
AXA1184 x4
O-Ring 7.5x1.5mm



AX30112 x4
Shock Diaphragm 13x4.5mm

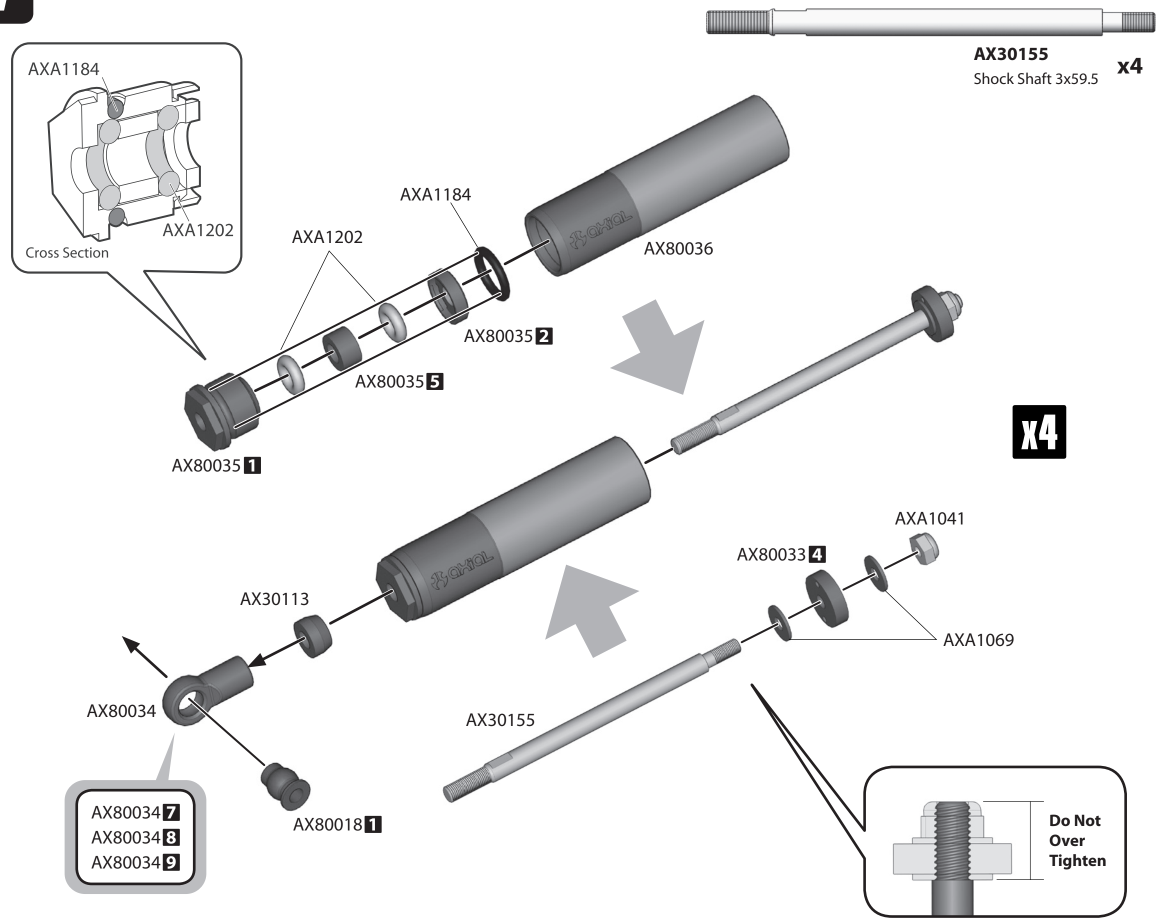


AX80018 x4
Hardware Parts Tree

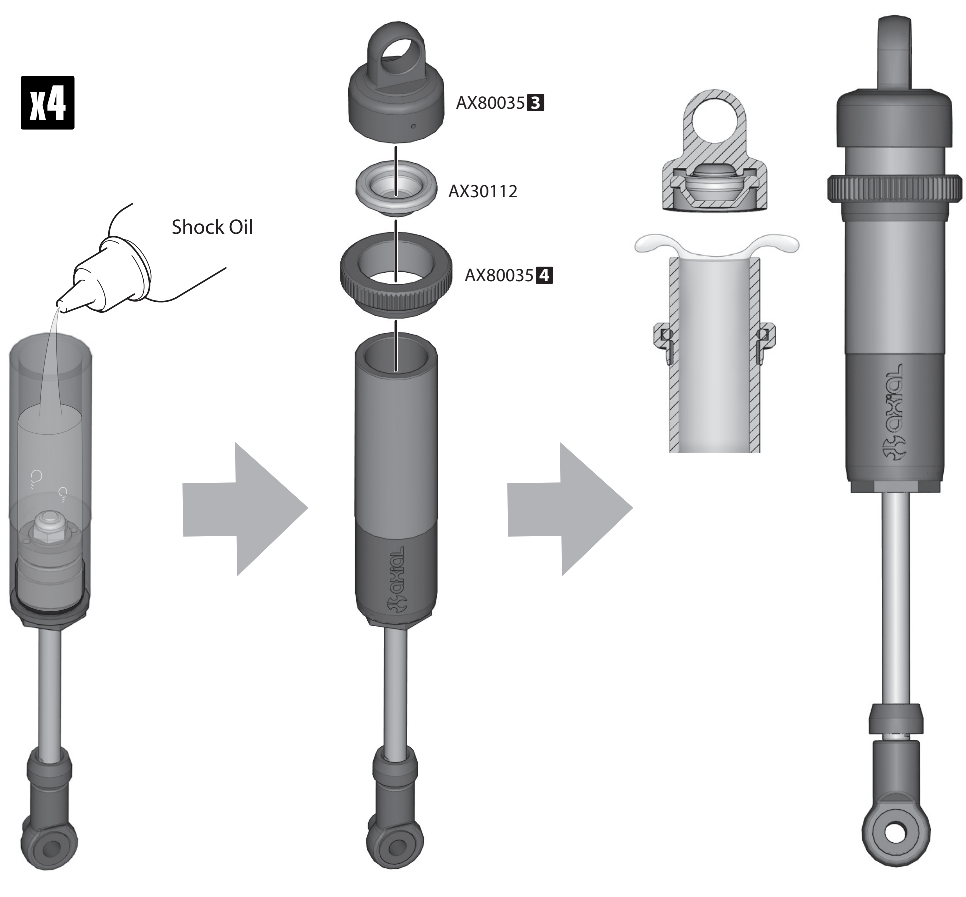


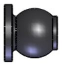
AXA1069 x8
WASHER 2.7x6.7x0.5

7



8



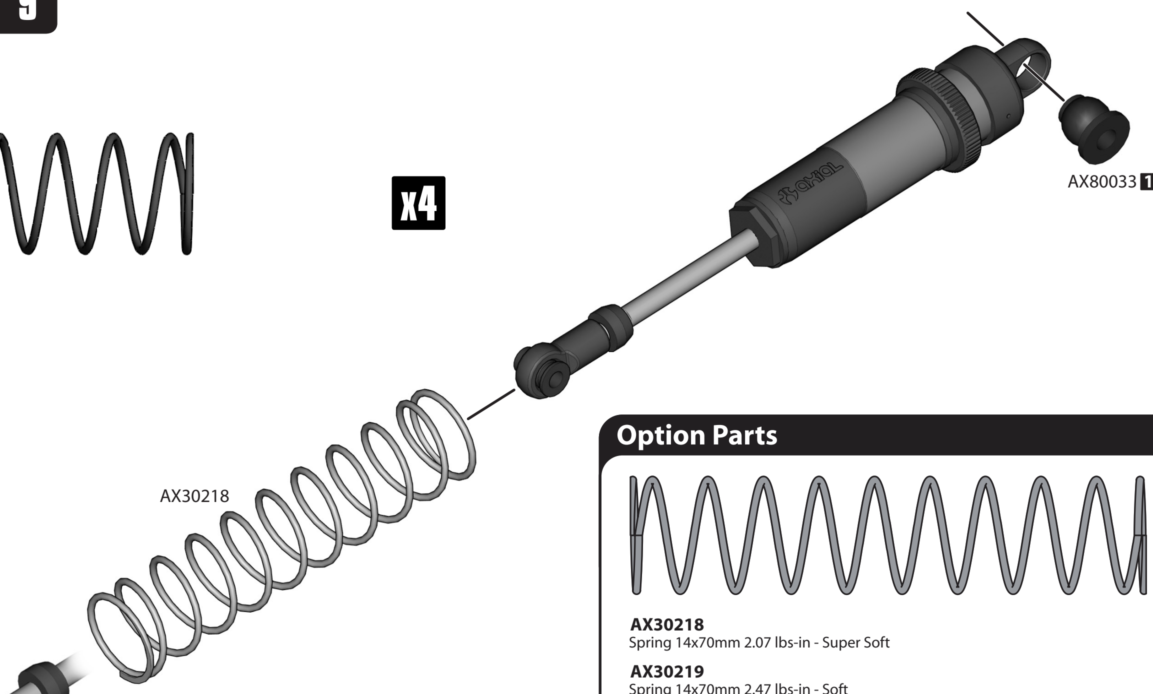


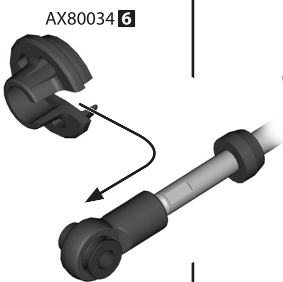
AX80033
Silicone Shock Bushing 7.5x8mm **x4**



AX30218
Spring 14x70mm - Super Soft **x4**

9





Option Parts

AX30218
Spring 14x70mm 2.07 lbs-in - Super Soft

AX30219
Spring 14x70mm 2.47 lbs-in - Soft

AX30220
Spring 14x70mm 2.85 lbs-in - Medium

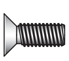
AX30221
Spring 14x70mm 2.85 lbs-in - Medium

AX30222
Spring 14x70mm 3.55 lbs-in- Super Firm

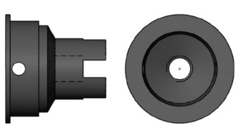


AX30463
Universal Joint Axle Pin holder **x4**

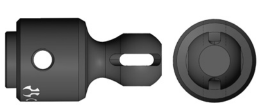
AX30166
Pin 1.5x11mm **x4**



AXA144
M3x8mm **x4**

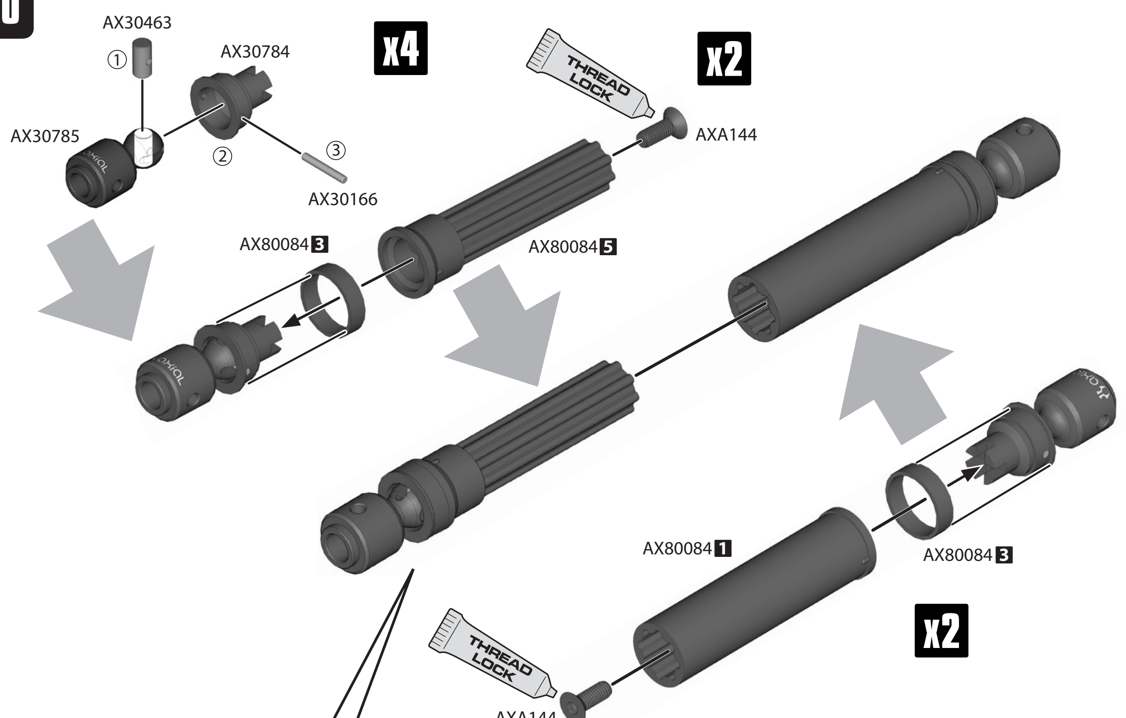


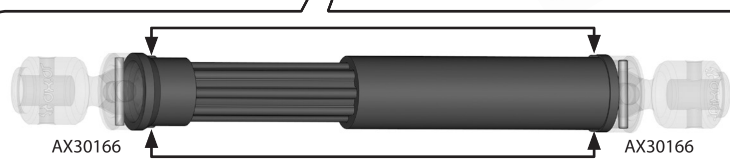
AX30784
Drive Shaft Coupler **x4**



AX30785
Drive Shaft Output **x4**

10





Note : Align marks when installing

Option Parts



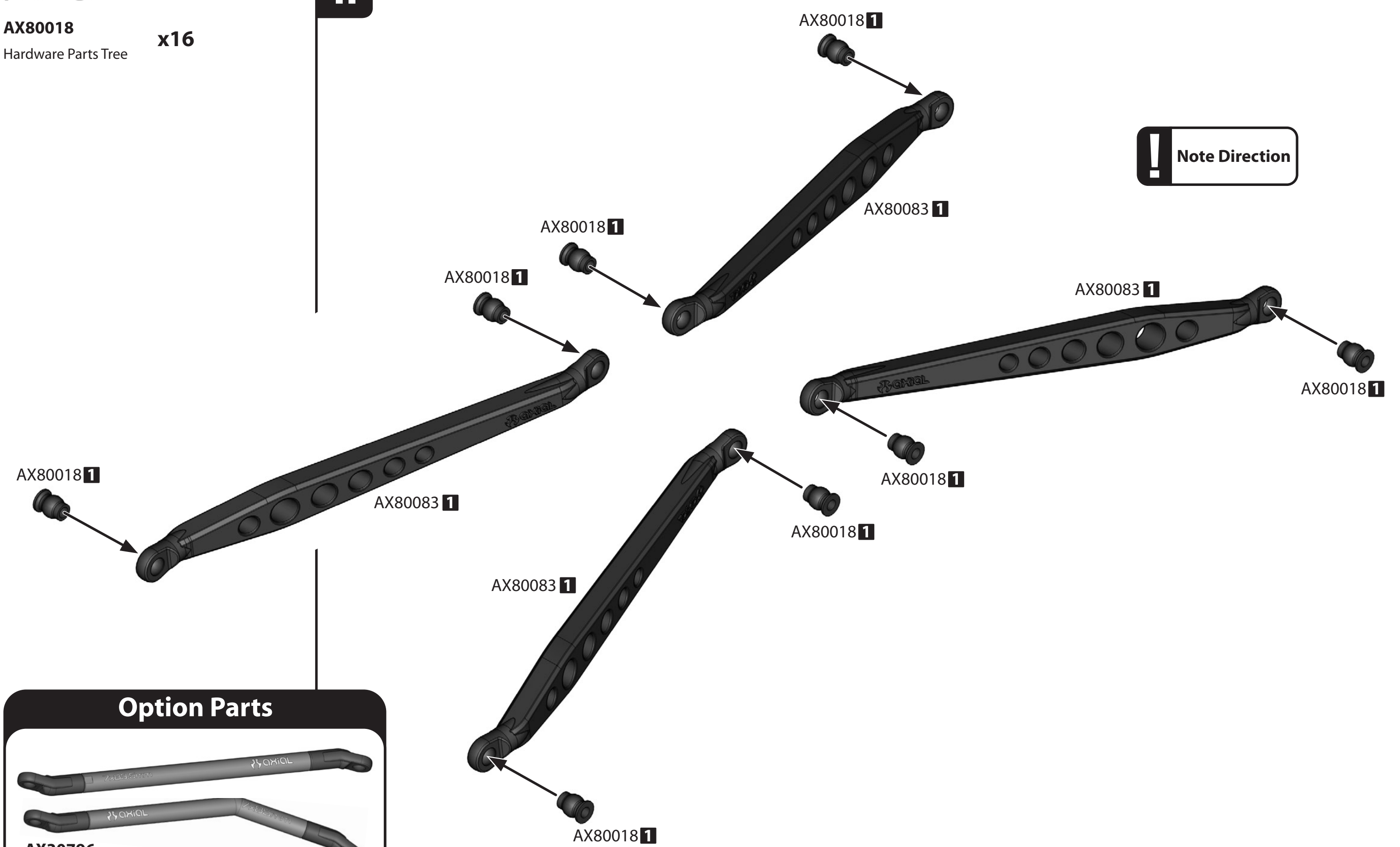
AX30786
WB8 Driveshaft Retainer Ring



AX80018 x16

Hardware Parts Tree

11

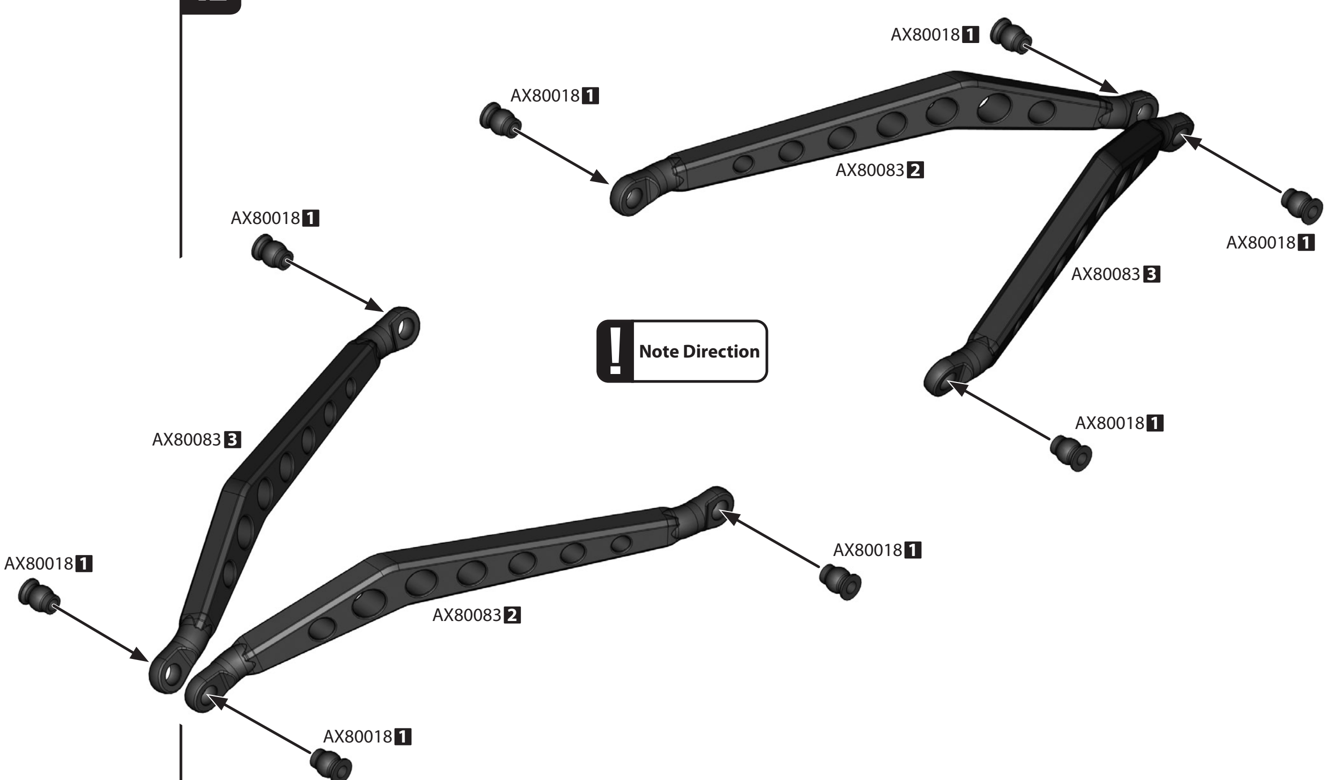


Option Parts

AX30796

Wraith Tube Links Set

12

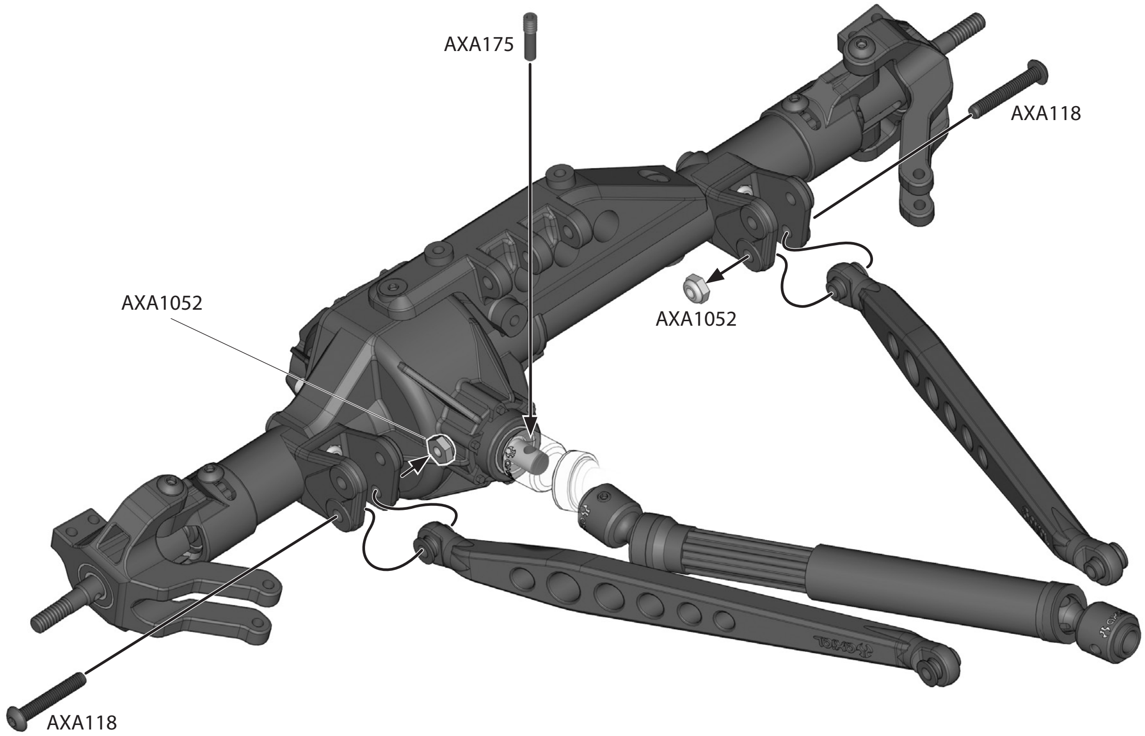


AXA175
Screw Shaft M3x2.5x11mm x1

AXA1052
M3 Thin Nylon Locking Hex Nut (BLACK) x2

AXA118
M3x18mm x2

13 Front



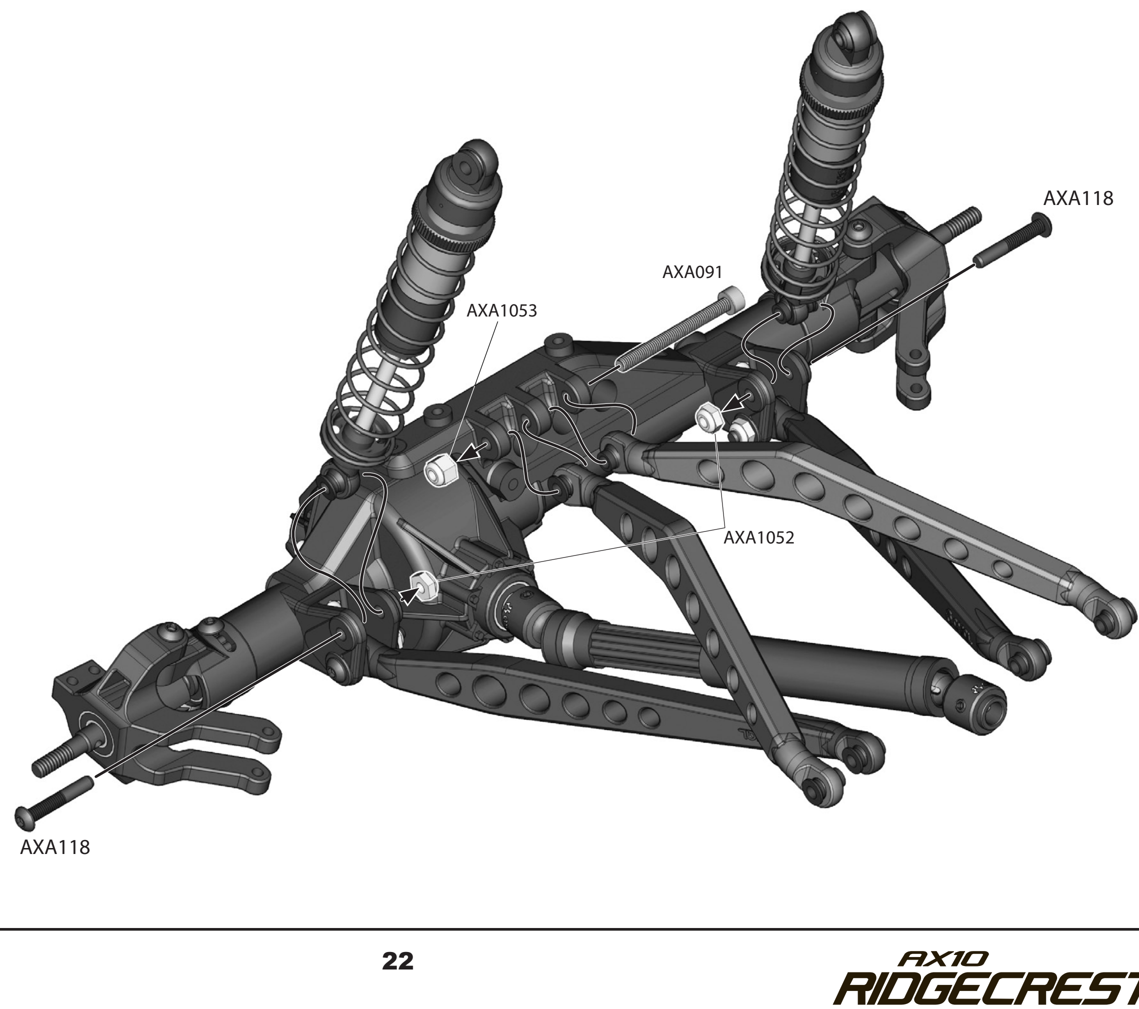
AXA1052
M3 Thin Nylon Locking Hex Nut (BLACK) x2

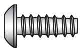
AXA1053
M3 Nylon Locking Hex Nut (BLACK) x1

AXA118
M3x18mm x2

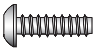
AXA091
M3x30mm x1

14 Front

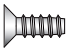




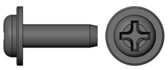
AXA434 x2
M3x8mm



AXA435 x4
M3x10mm

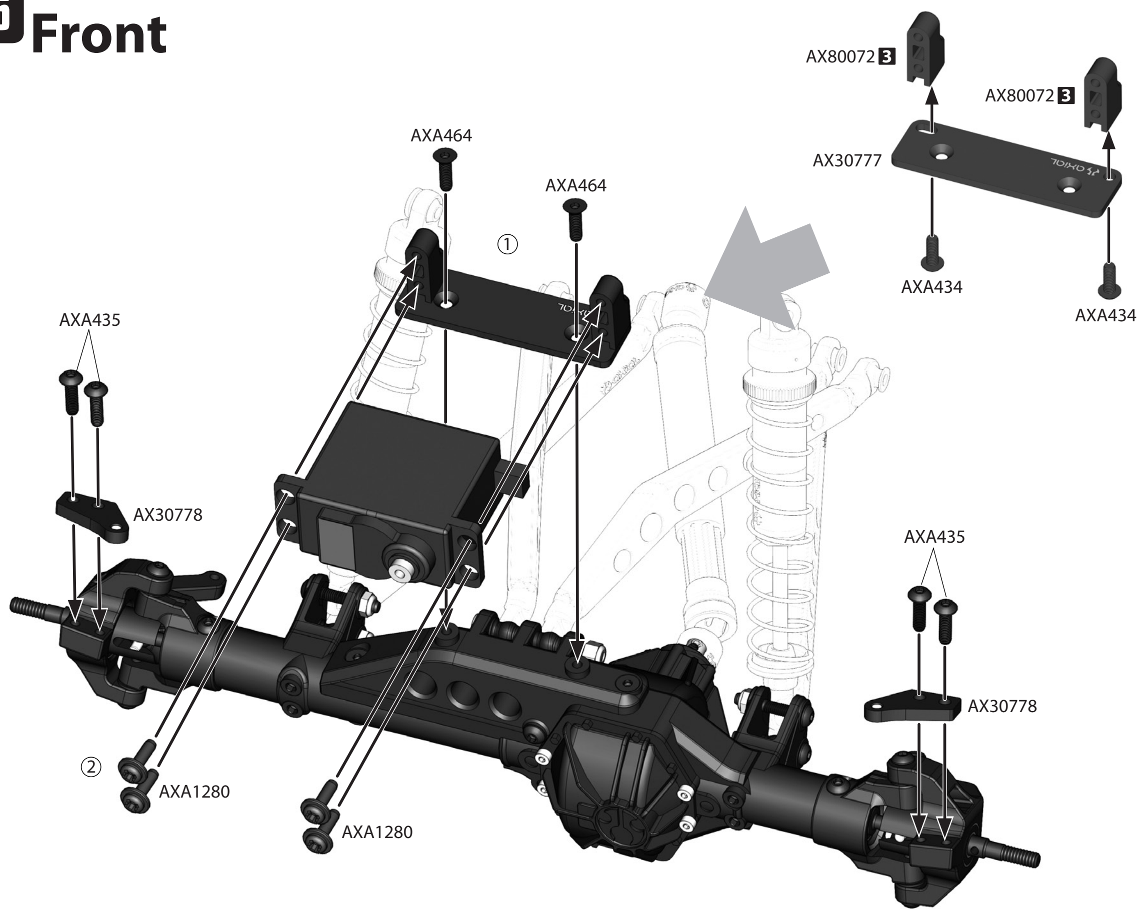


AXA464 x2
M3x8mm



AXA1280 x4
M3x10mm Servo Flange Screw

15 Front

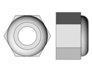




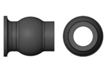
AXA1070 x1
Washer 3x6x0.5 mm



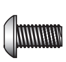
AXA1052 x2
M3 Thin Nylon Locking Hex Nut (BLACK)



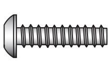
AXA1053 x1
M3 Nylon Locking Hex Nut (BLACK)



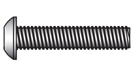
AX80018 x4
Hardware Parts Tree



AXA0113 x1
M3x6mm

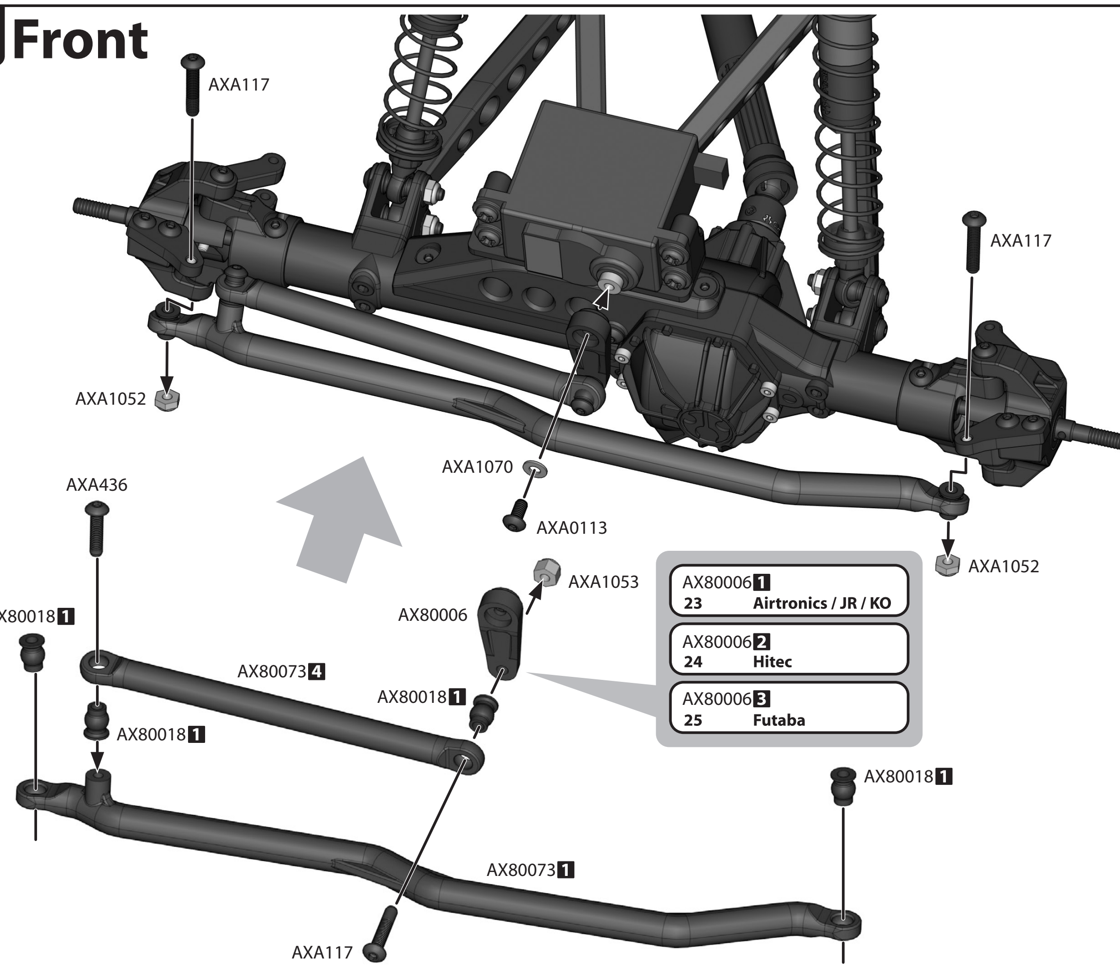


AXA436 x1
M3x12mm



AXA117 x3
M3x15mm

16 Front

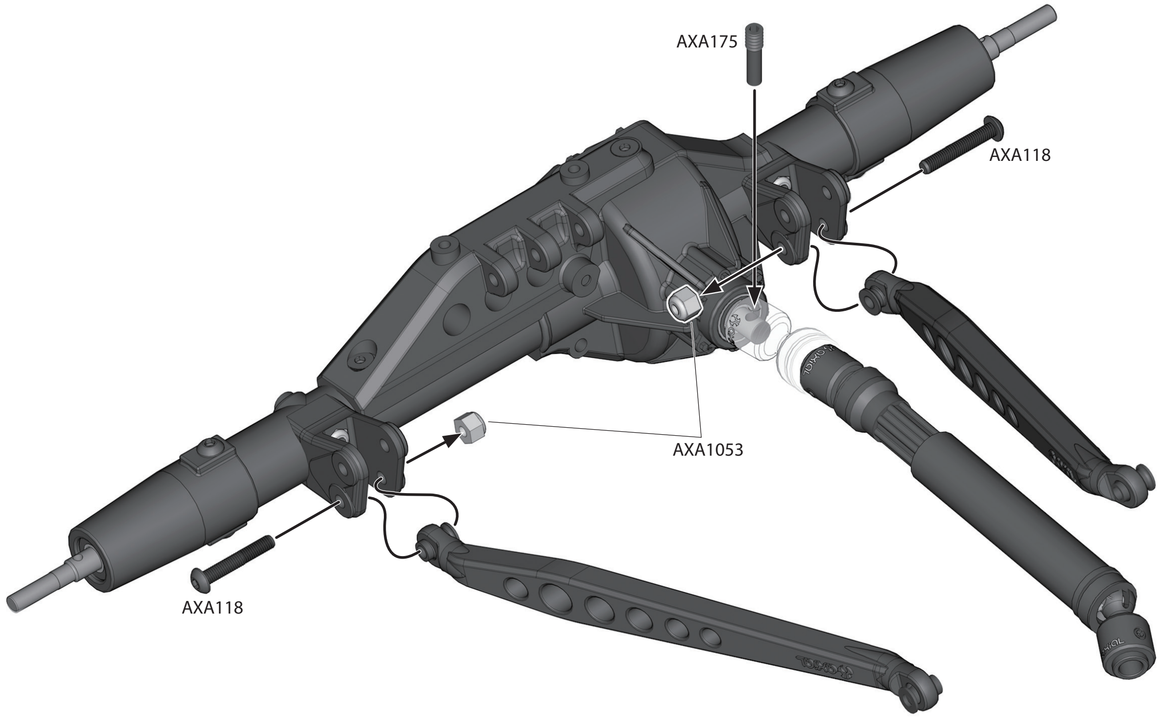


AXA175
Screw Shaft M3x2.5x11mm
x1

AXA1053
M3 Thin Nylon Locking Hex Nut (BLACK)
x2

AXA118
M3x18mm
x2

17 Rear



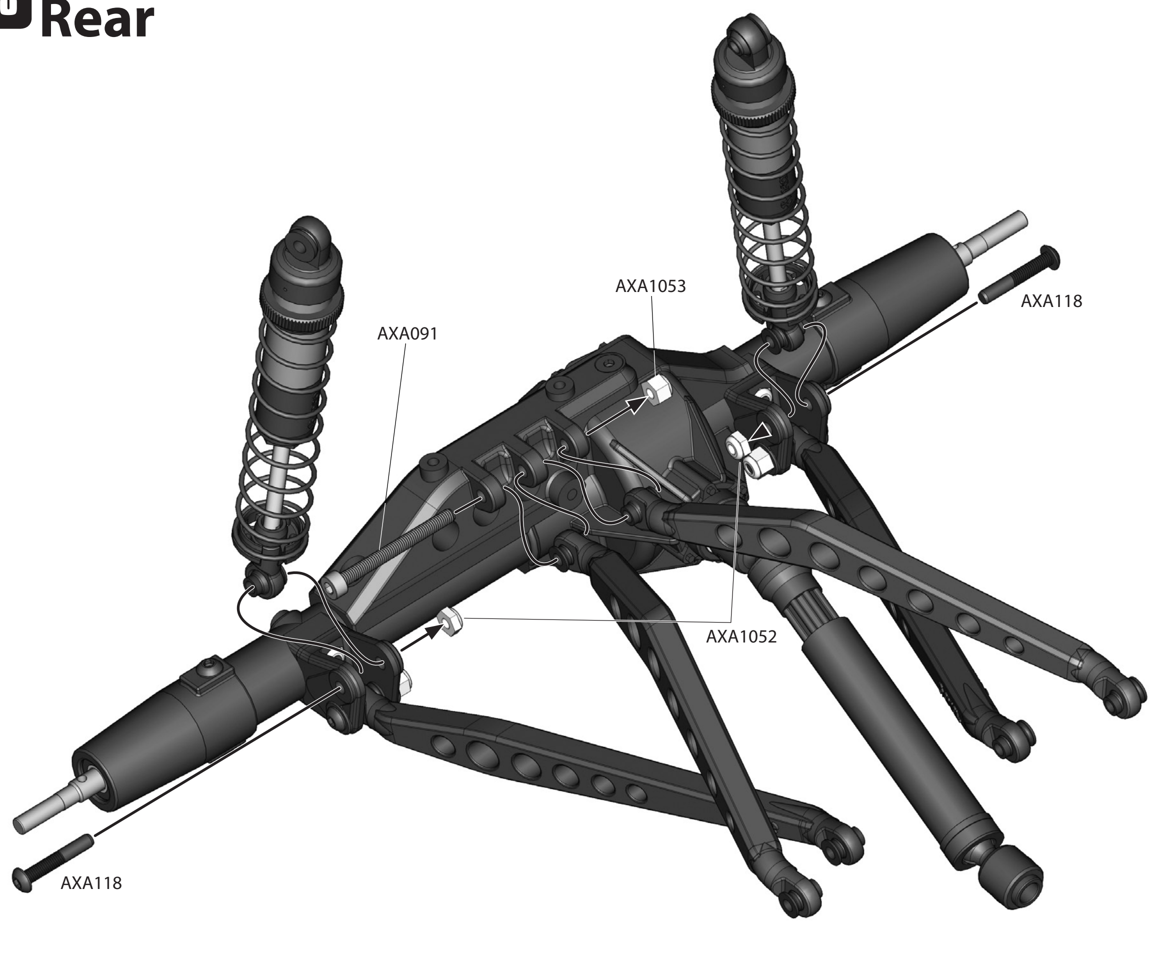
AXA1052
M3 Thin Nylon Locking Hex Nut (BLACK)
x2

AXA1053
M3 Nylon Locking Hex Nut (BLACK)
x1

AXA118
M3x18mm
x2

AXA091
M3x30mm
x1

18 Rear



AXA013 M2x6mm **x3**

AX30162 Pin 1.5x8mm **x1**

AX30394 20T Drive Gear **x1**

AX30198 Slipper Drive gear Shaft 5x53.5 **x1**

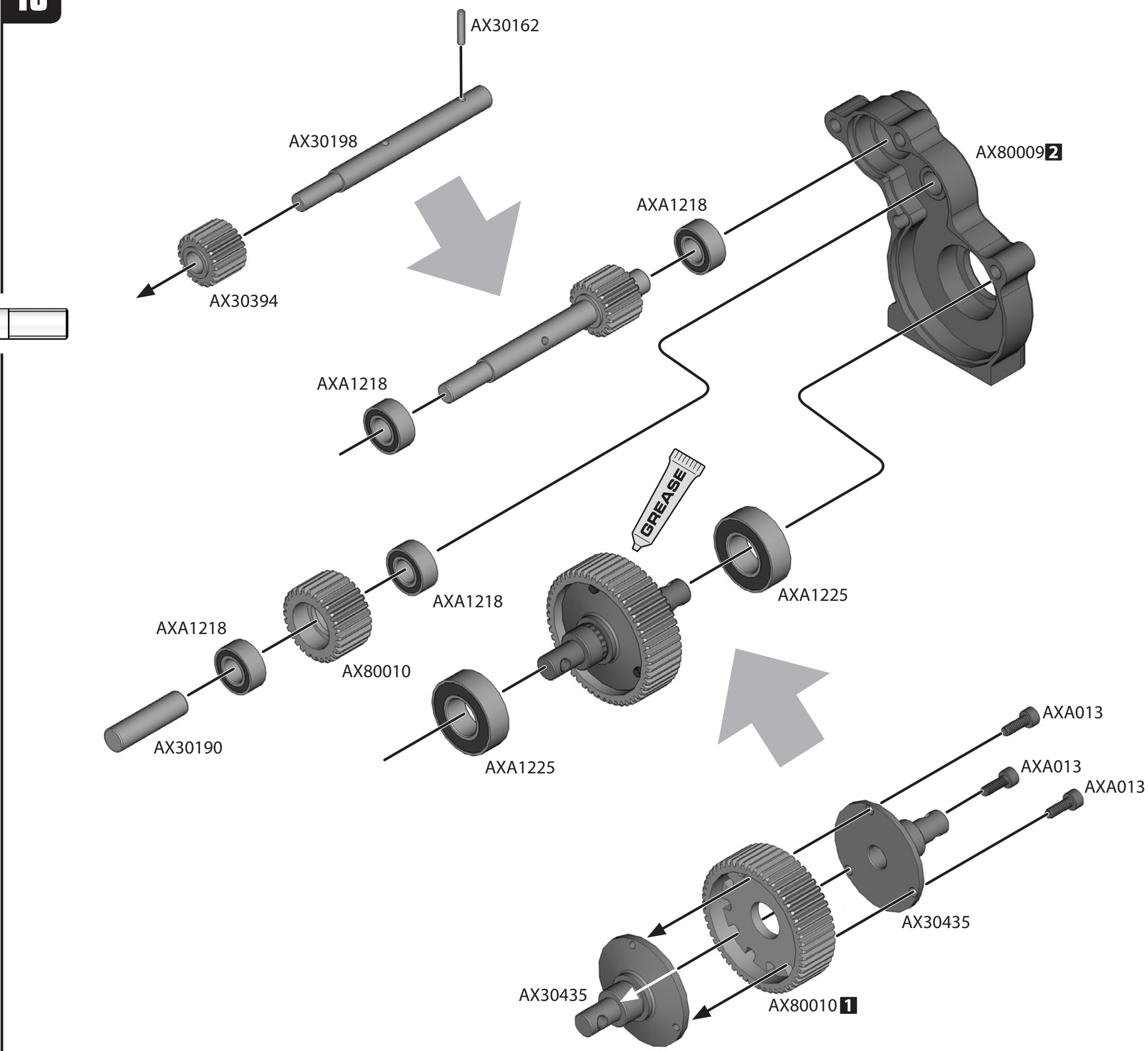
AX30190 Shaft 5x18 **x1**

AXA1218 Bearing 5x10x4mm **x4**

AXA1225 Bearing 8x16x5mm **x2**

AX30435 Steel Outdrive Shaft **x2**

19

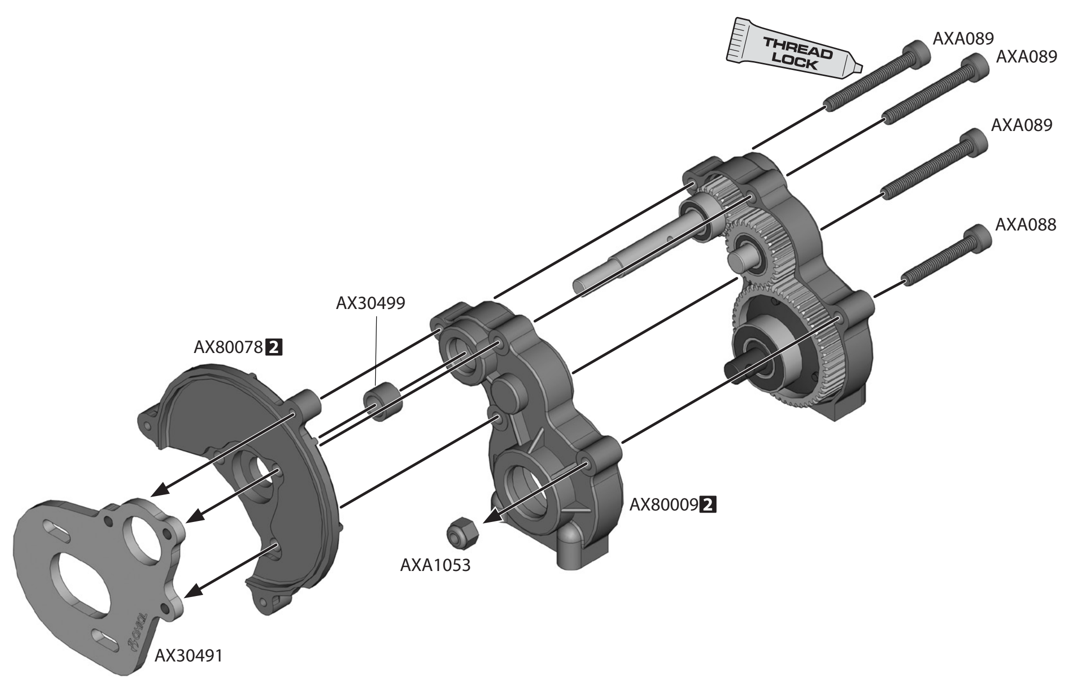


AXA088 M3x20mm **x1**

AXA089 M3x25mm **x3**

AXA1053 M3 Nylon Locking Hex Nut (BLACK) **x1**

20



AX30162 Pin 1.5x8mm **x1**

AXA1070 Washer 3x6x0.5 mm **x5**

AXA1071 Washer 4x8x0.5mm **x1**

AXA1091 Washer 5x10x0.5mm **x1**

AXA083 M3x6mm **x5**

AXA1045 M4 Nylon Lock Nut (Black) **x1**

AX30413 Slipper spring **x1**

AX30411 Outer Slipper Plate **x1**

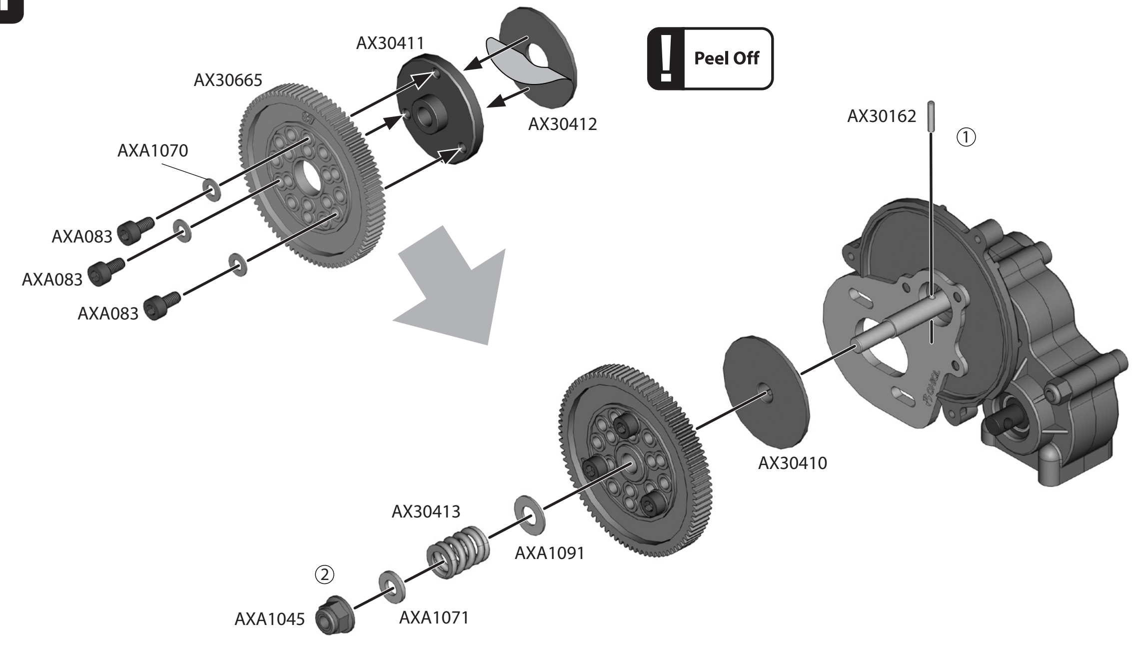
AX30410 Inner Slipper Plate **x1**

AX30578 Pinion 48DP 20T **x1**

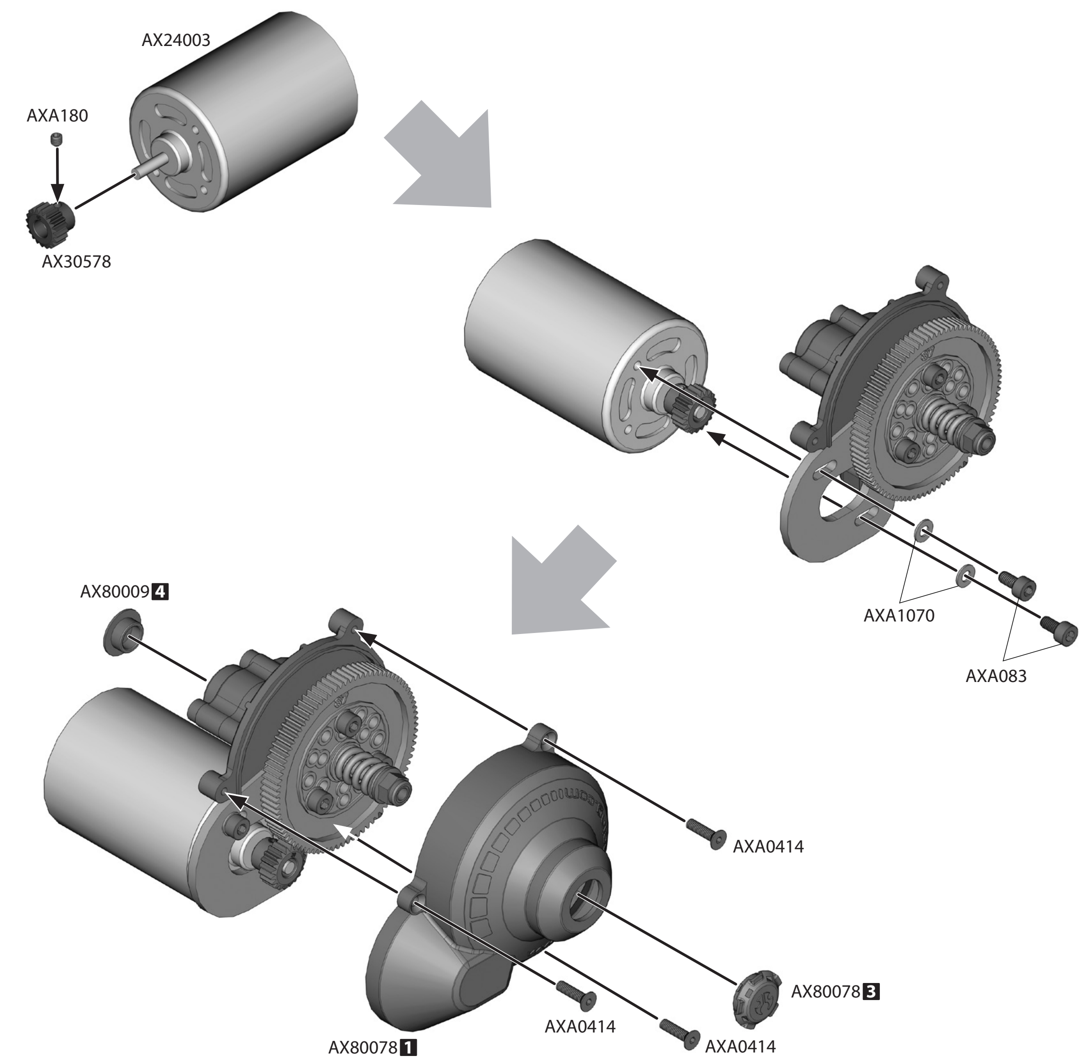
AXA180 M3x3mm **x1**

AXA0414 M2.6x10mm **x3**

21



22



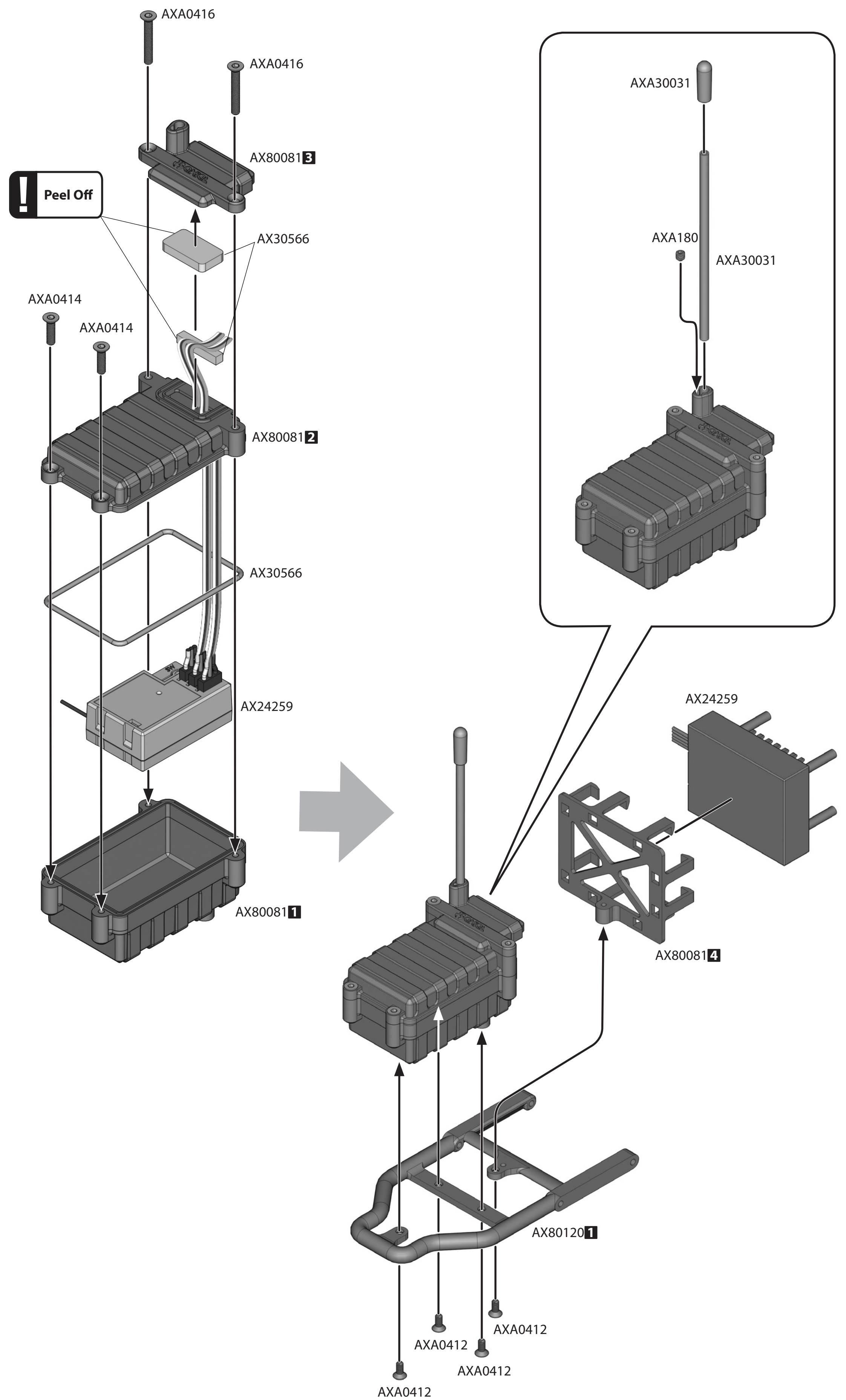
AXA0414 x2
M2.6x10mm

AXA0416 x2
M2.6x18mm

AXA0412 x4
M2.6x6mm

AXA180 x1
M3x3mm

23

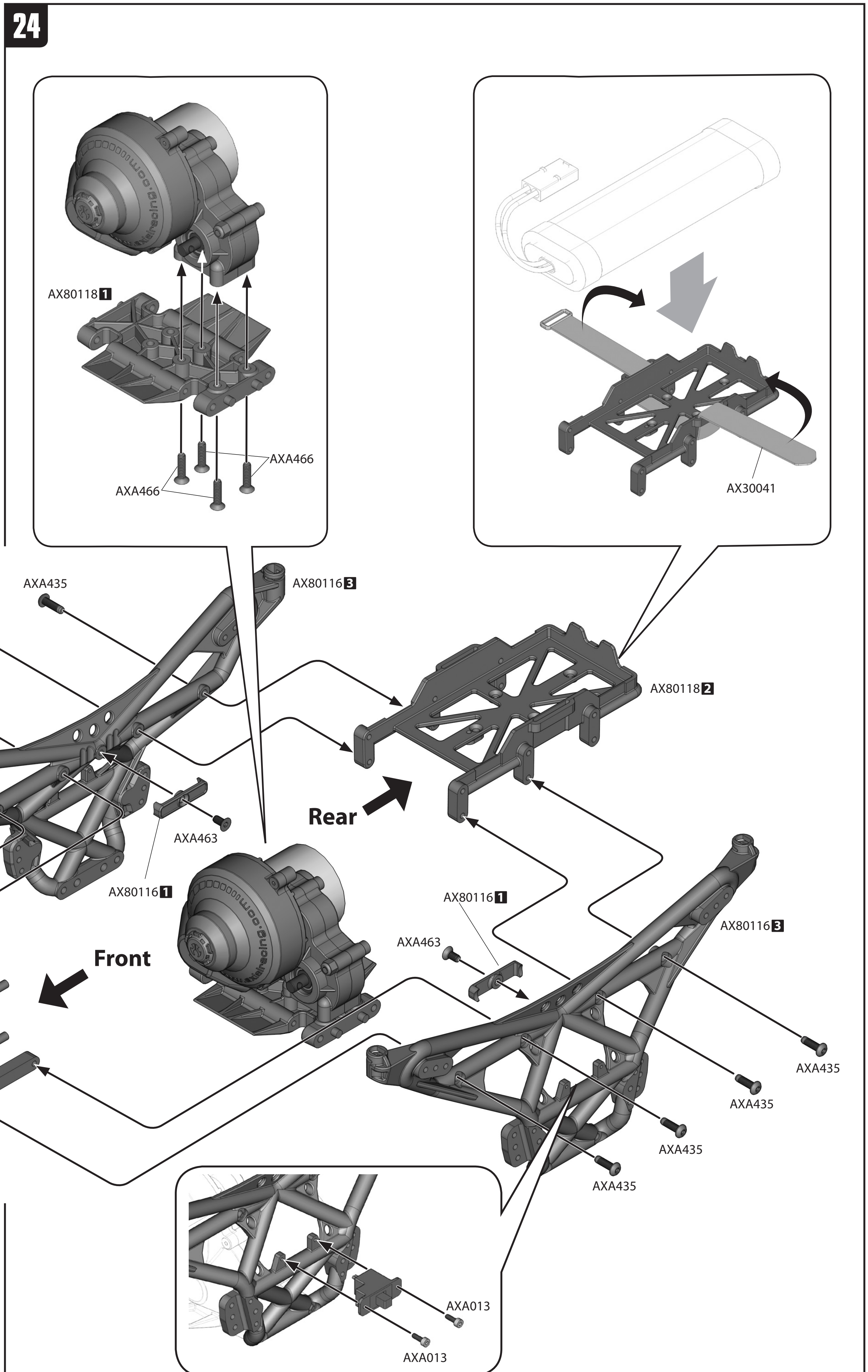


AXA463 M3x6mm **x2**

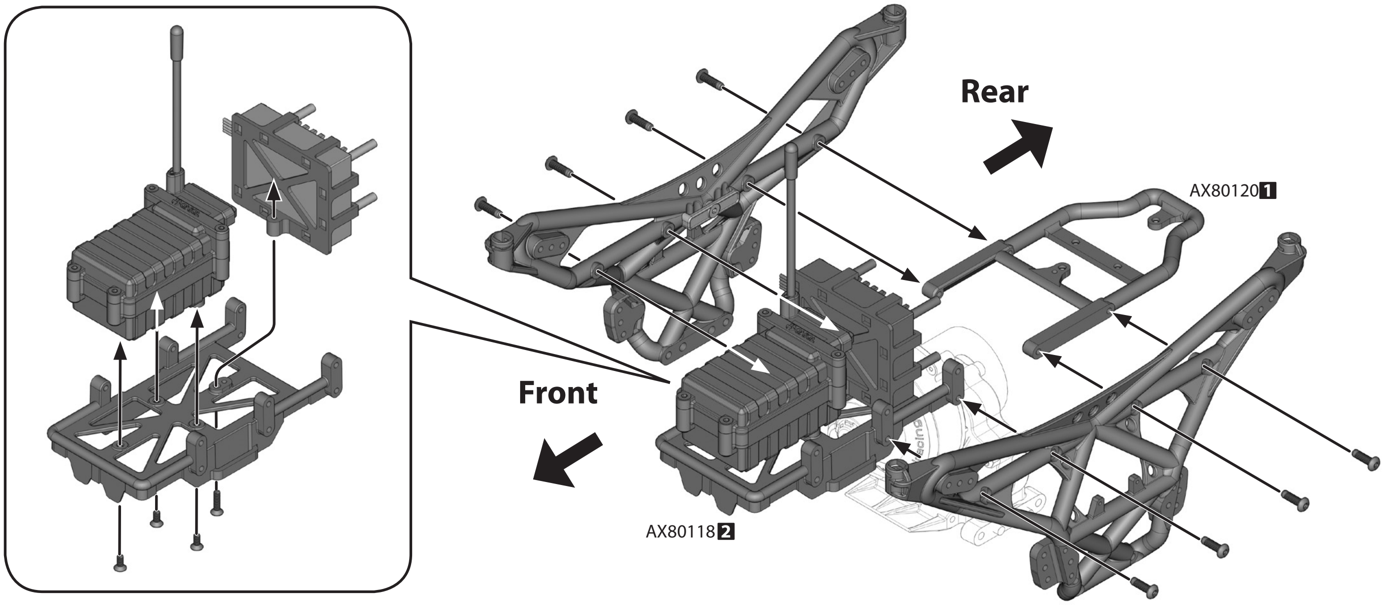
AXA466 M3x12mm **x4**

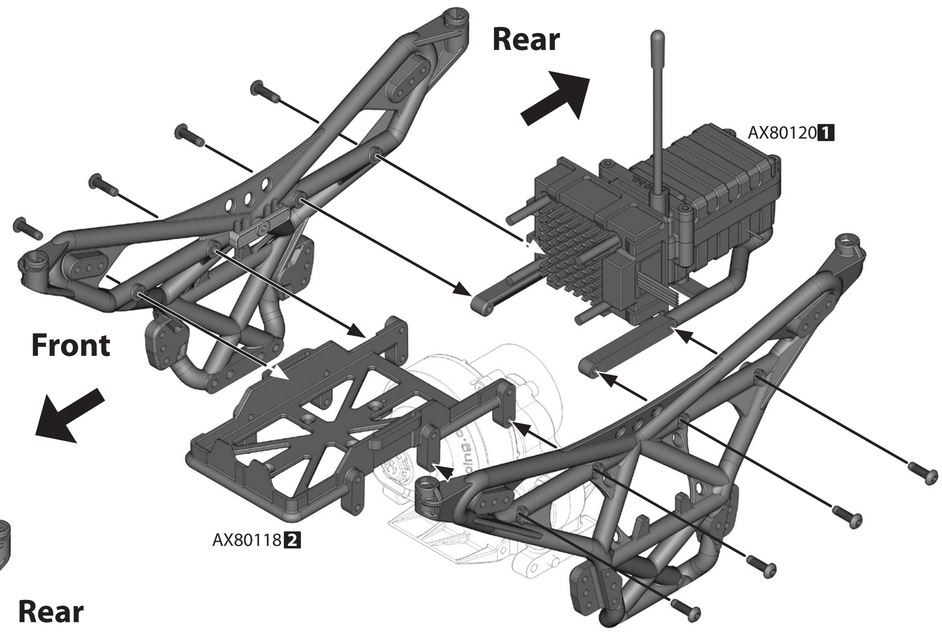
AXA435 M3x10mm **x8**

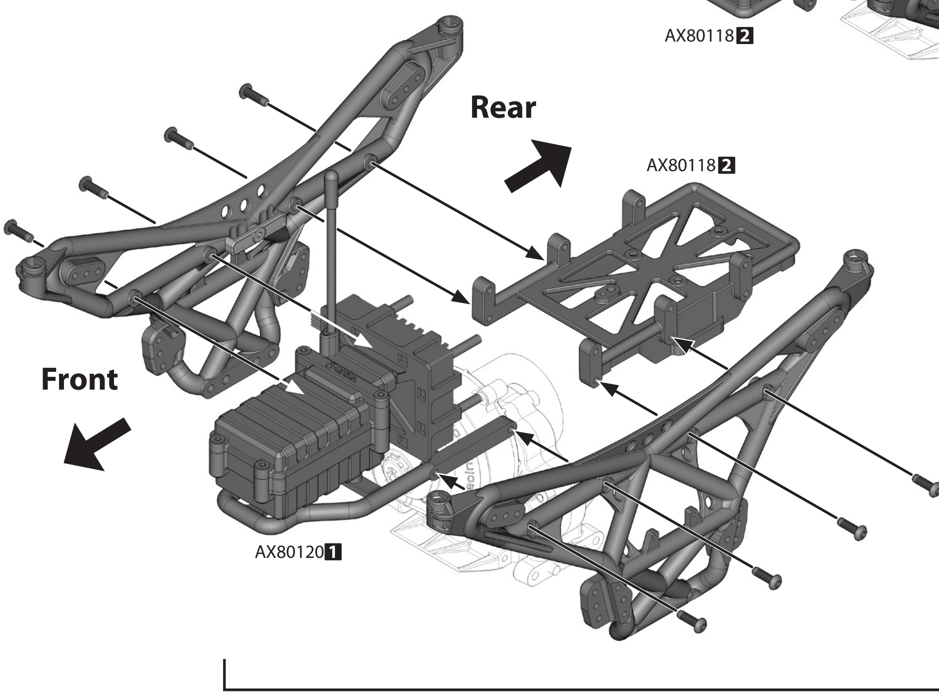
AXA013 M2x6mm **x2**



25 Optional Configurations







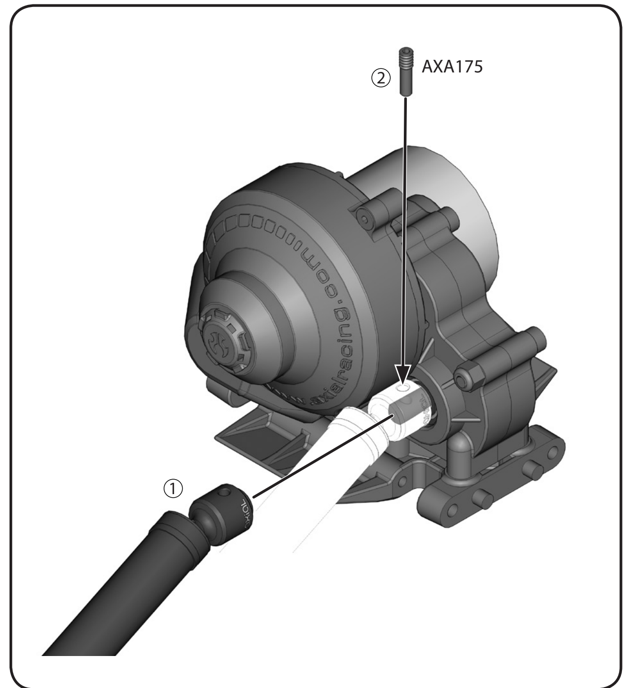
AXA465 M3x10mm x2

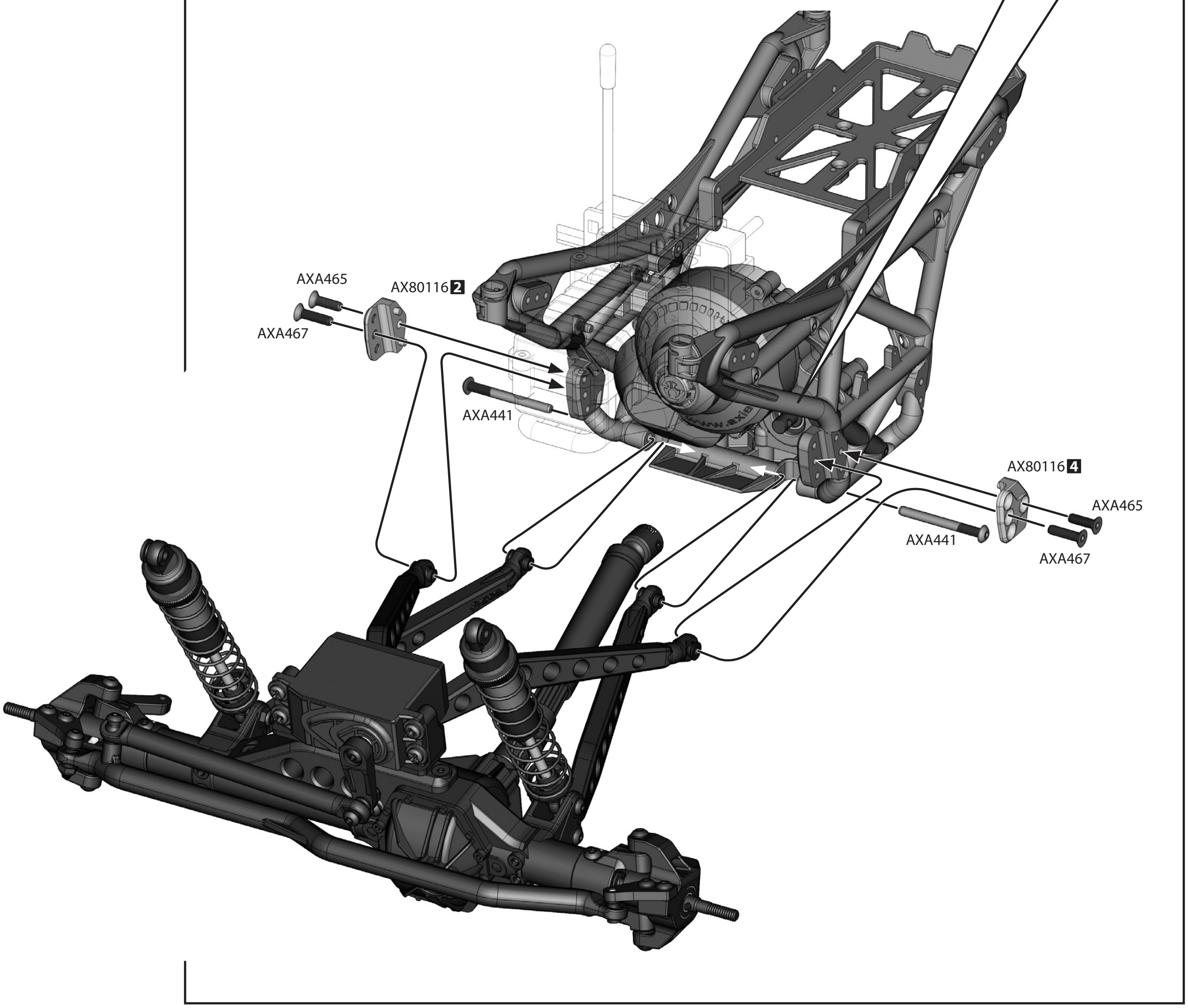
AXA467 M3x16mm x2

AXA441 M3x30mm x2

AXA175 Screw Shaft M3x2.5x11mm x1

26 Front





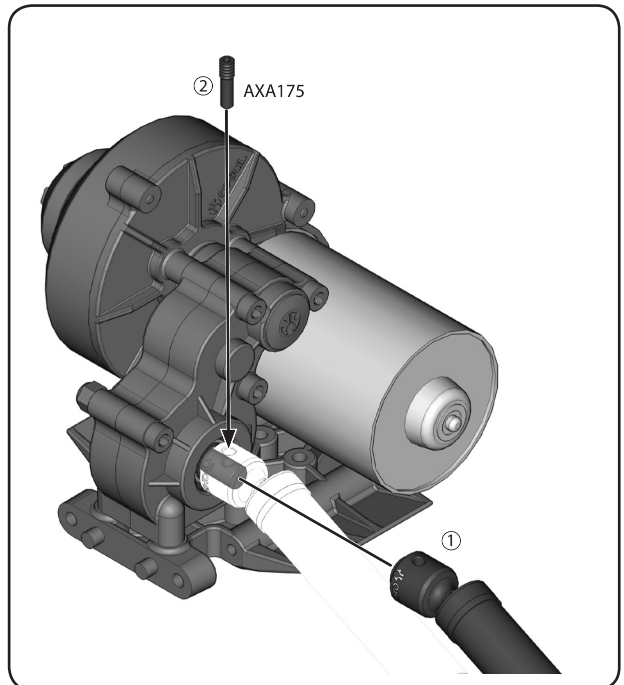
AXA465
M3x10mm
x2

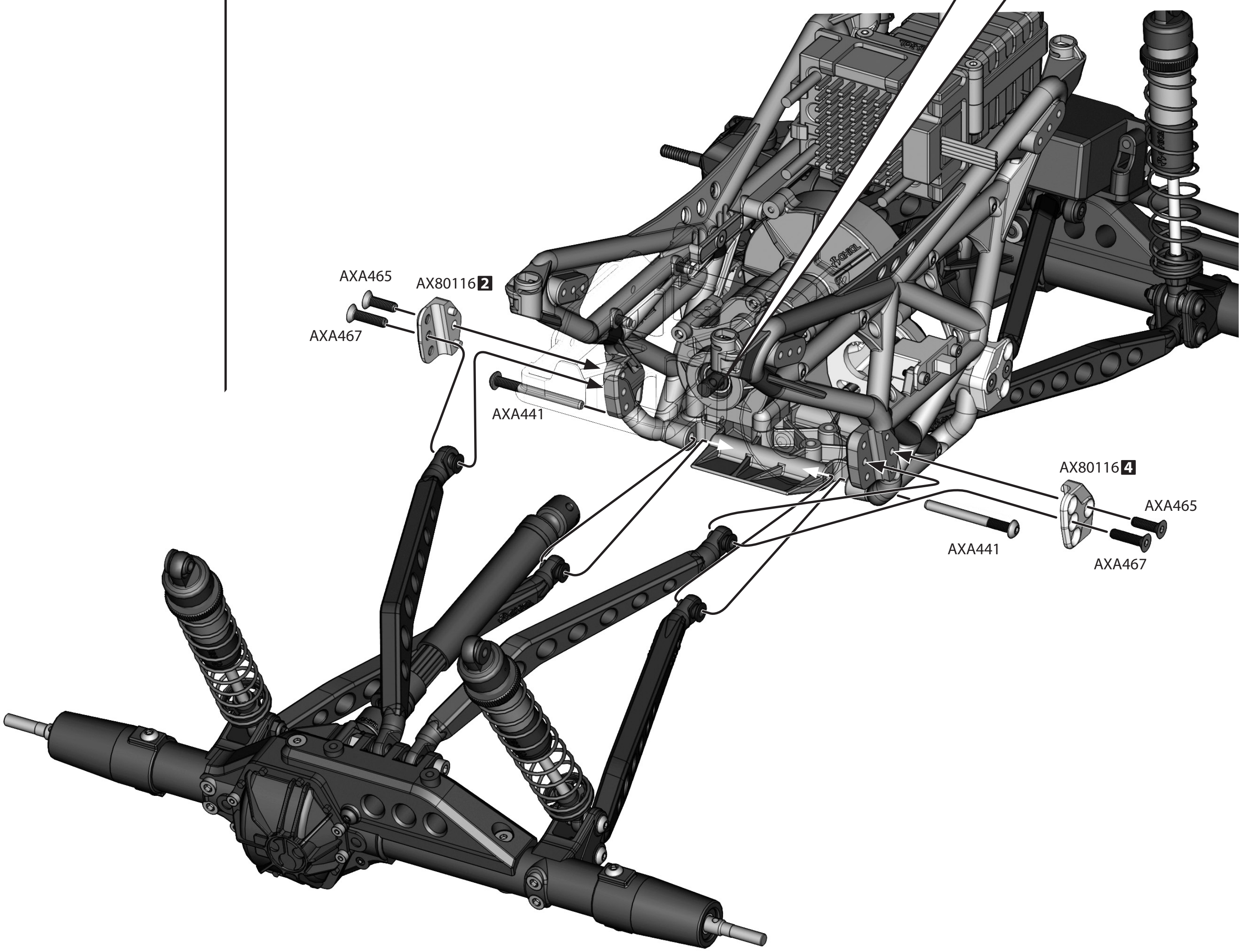
AXA467
M3x16mm
x2

AXA441
M3x30mm
x2

AXA175
Screw Shaft M3x2.5x11mm
x1

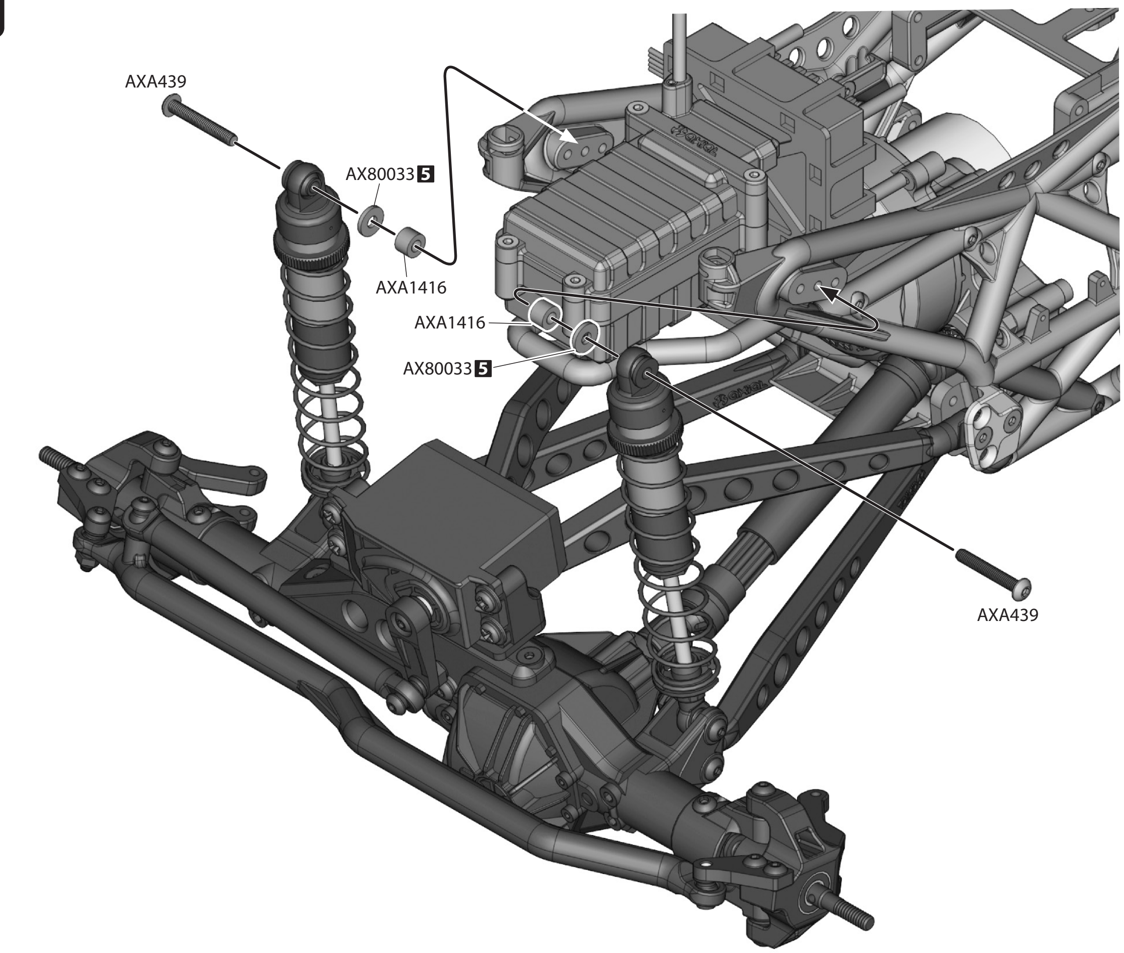
27 Rear





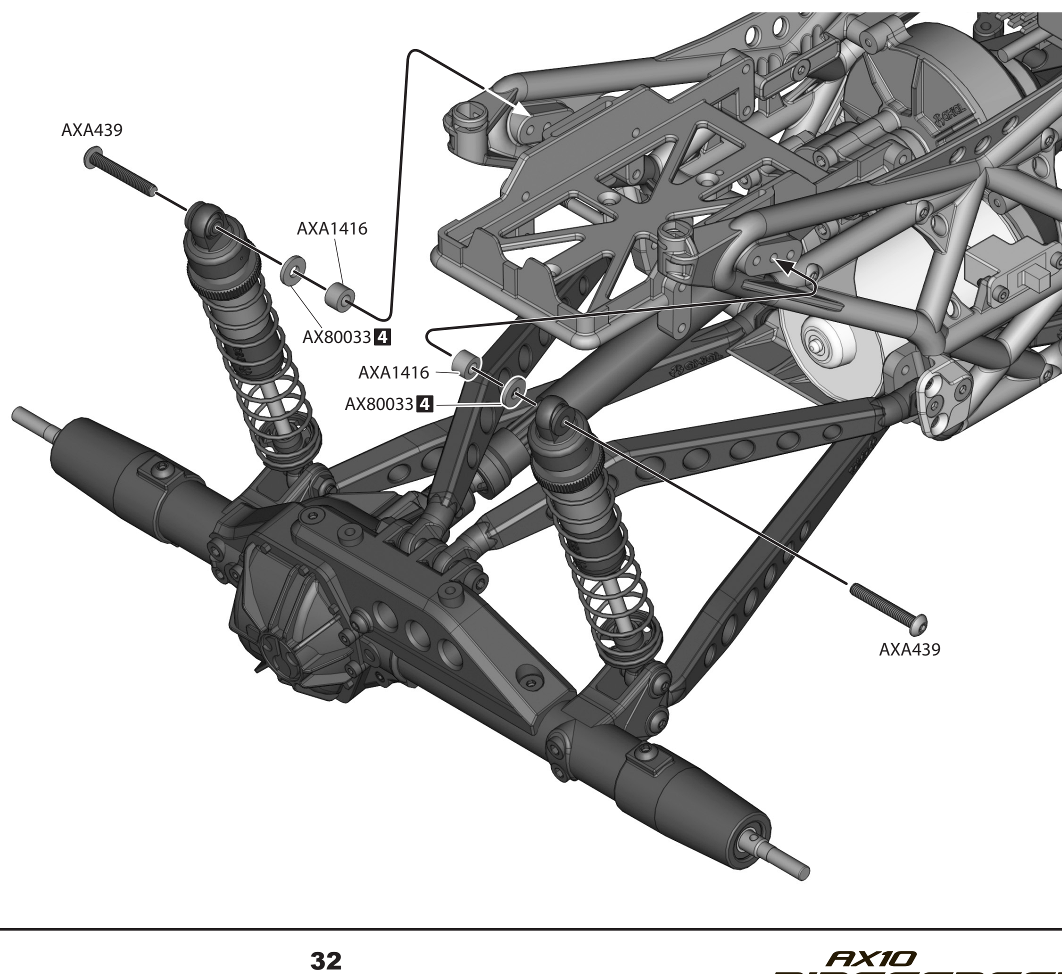
AXA439
M3x20mm
x2

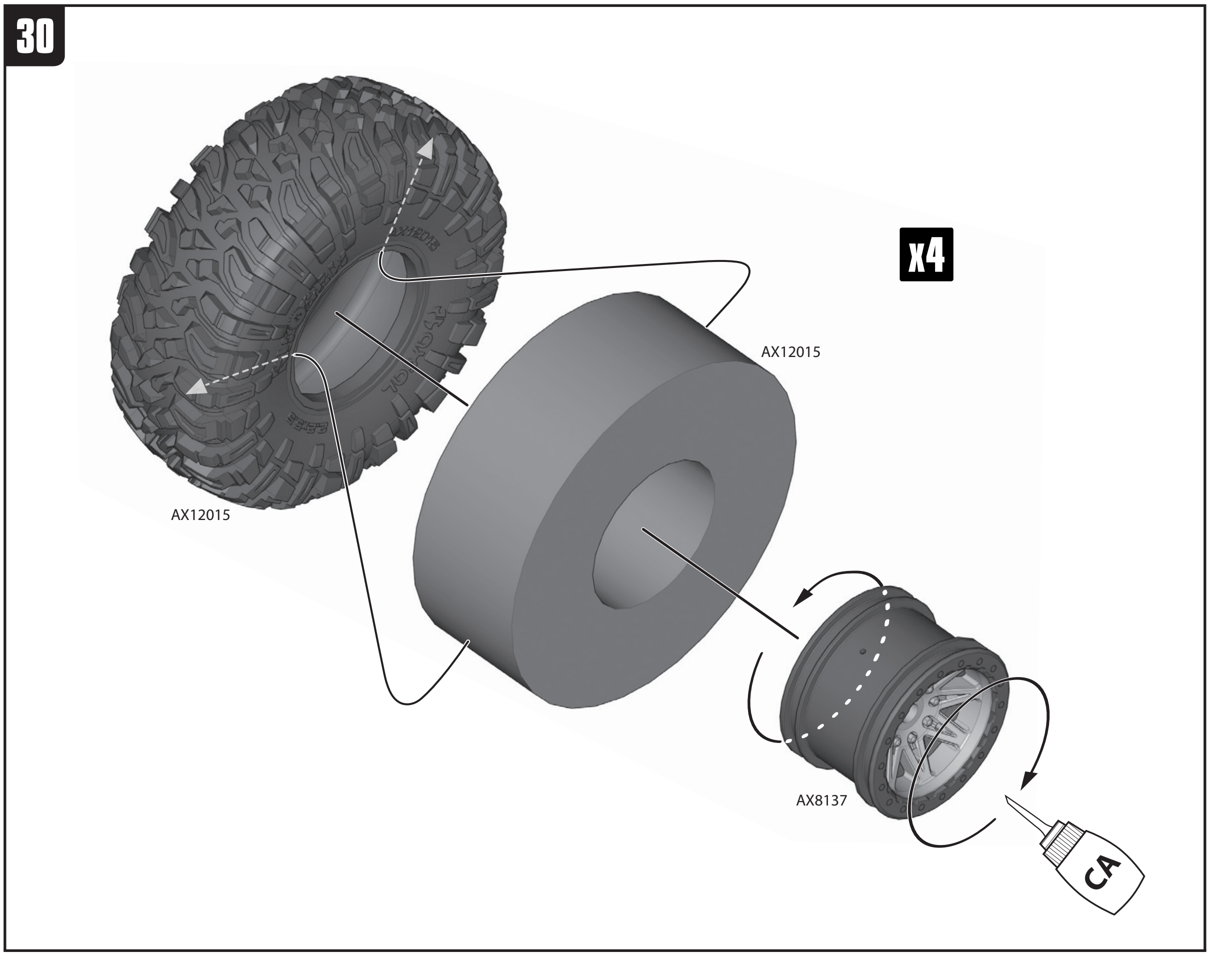
28



AXA439
M3x20mm
x2

29





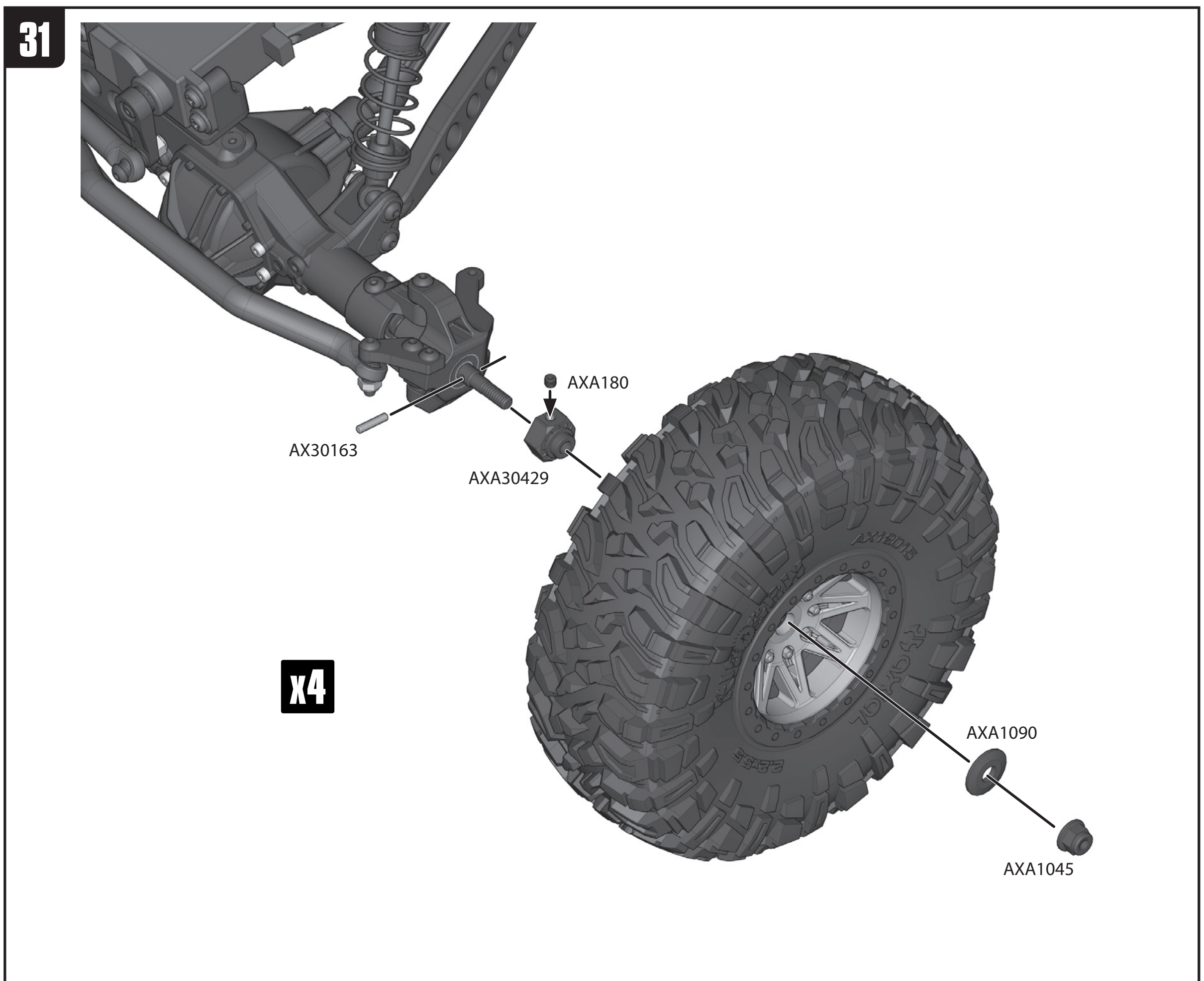
AXA180 x4
M3x3mm

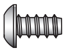
AX30163 x4
PIN 2.0x10mm

AXA1045 x4
M4 Nylon Lock Nut (Black)

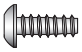
AXA1090 x4
Washer 4.8x14 (Green)

AX30429 x4
12mm Locking Hub

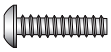




AXA433
M3x6mm
x4

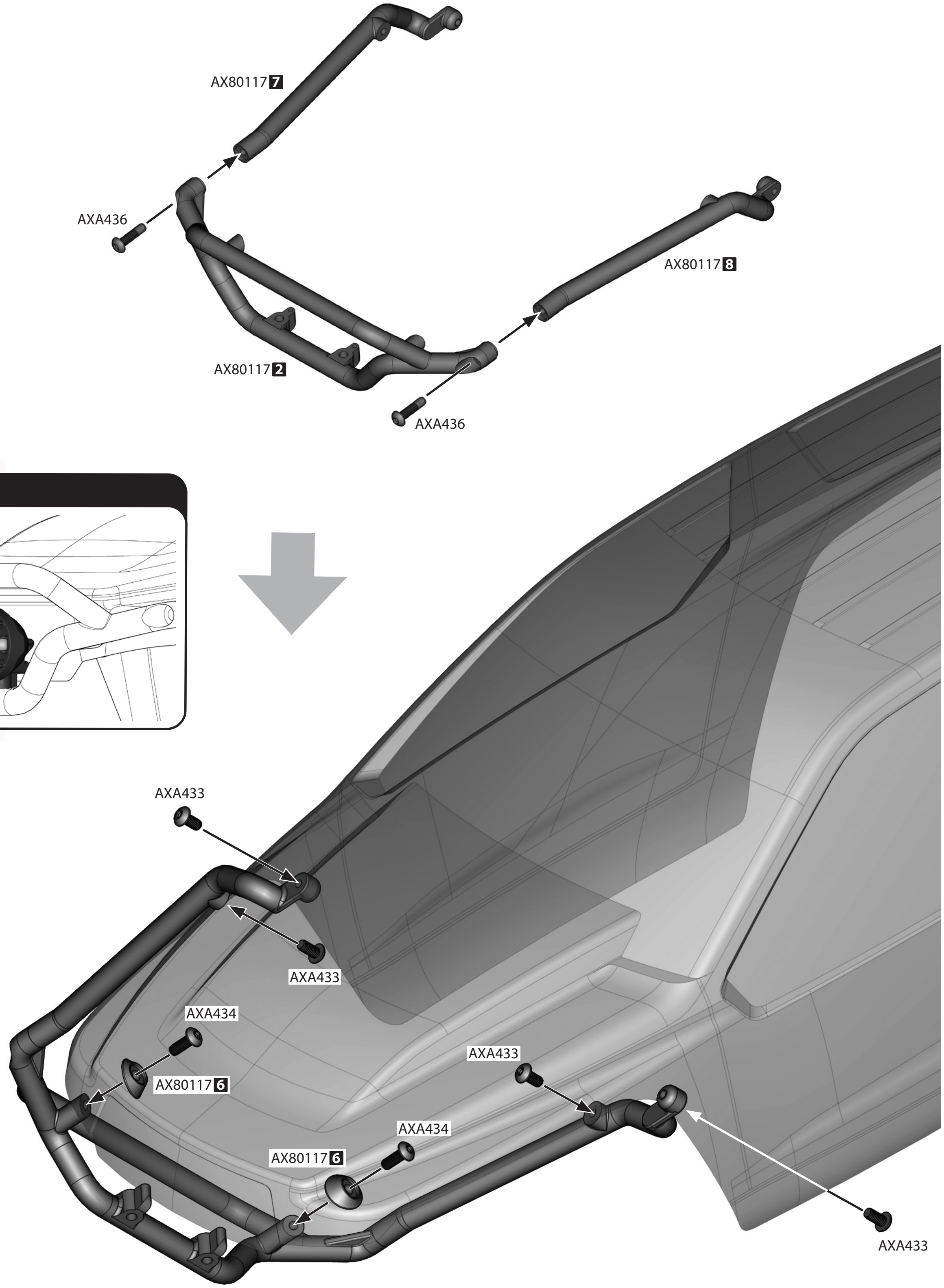


AXA434
M3x8mm
x2



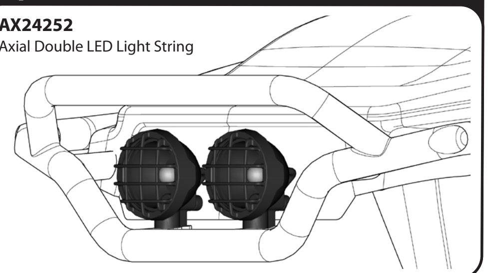
AXA436
M3x12mm
x2

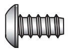
32 Front



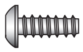
Option Parts

AX24252
Axial Double LED Light String

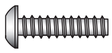




AXA433 M3x6mm x6

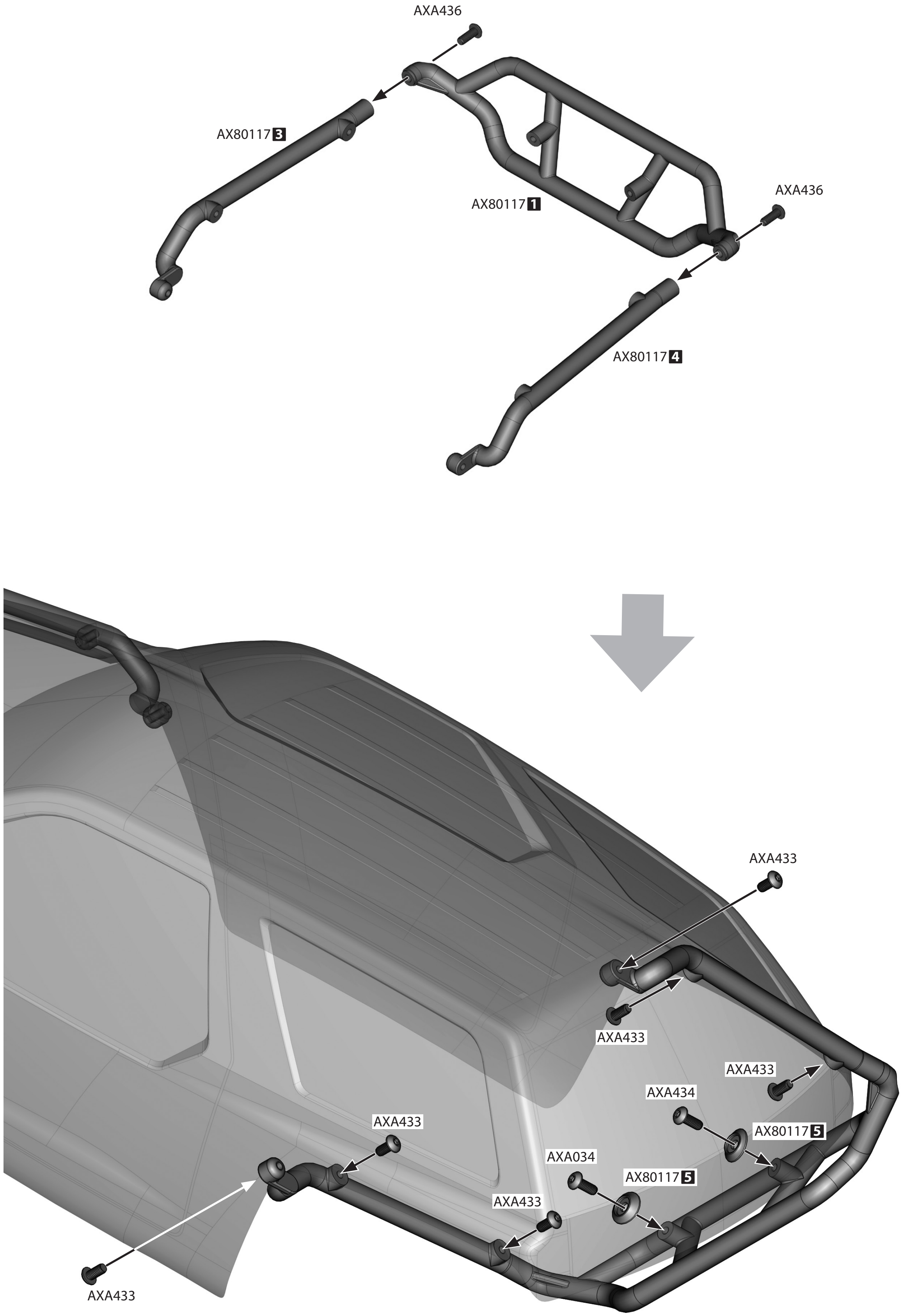


AXA434 M3x8mm x2



AXA436 M3x12mm x2

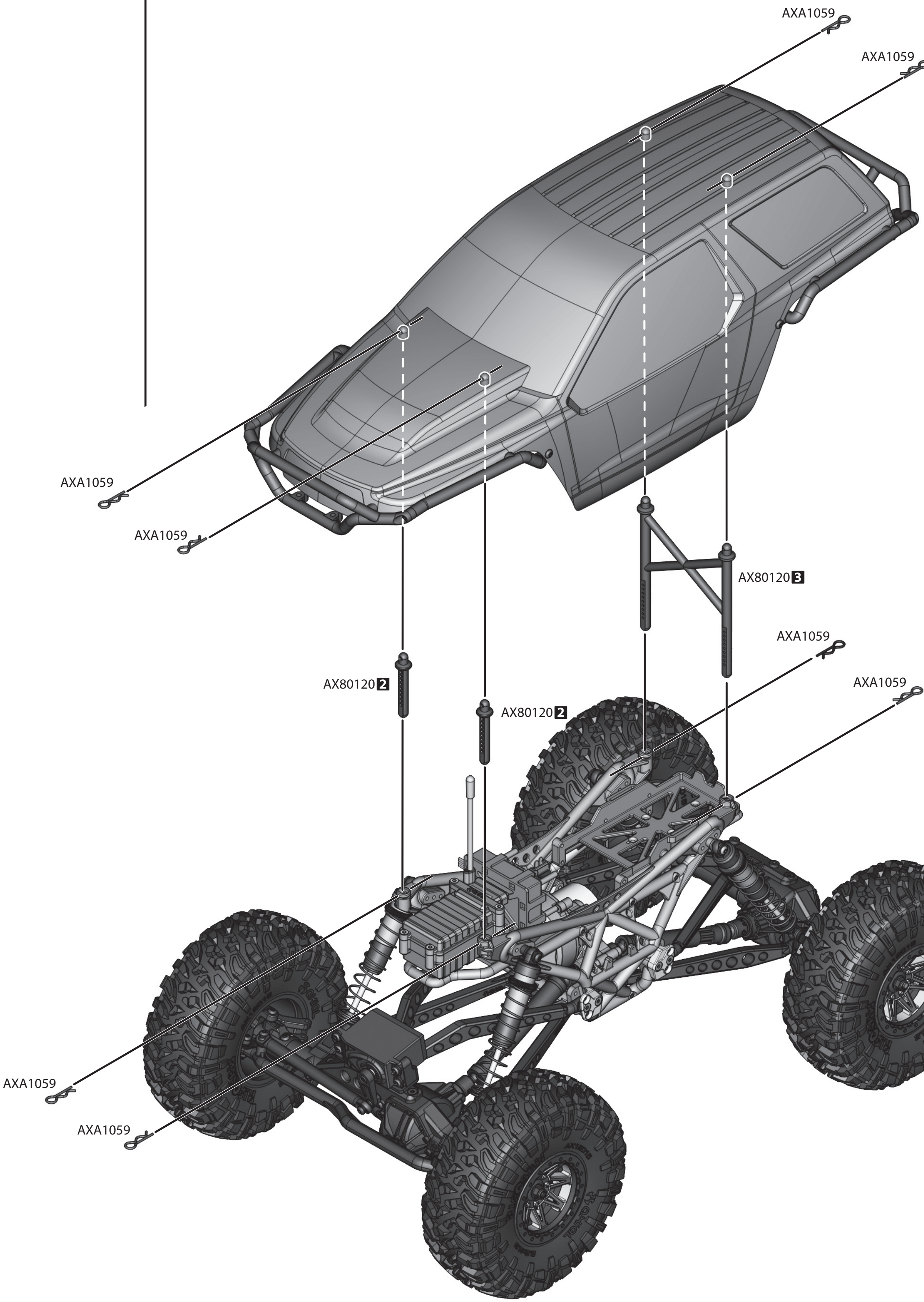
33 Rear



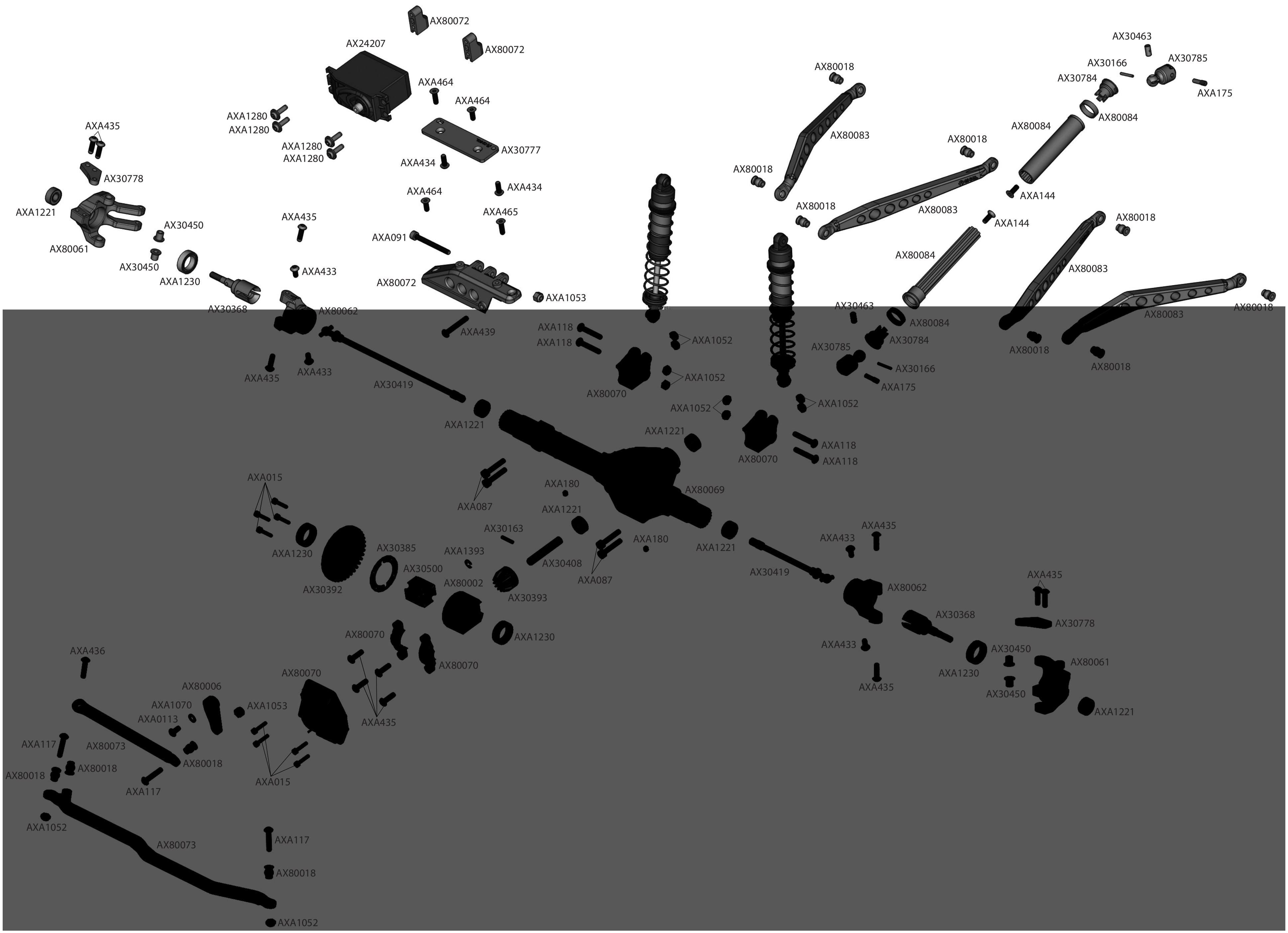


AXA1059
6mm Body Clips
x8

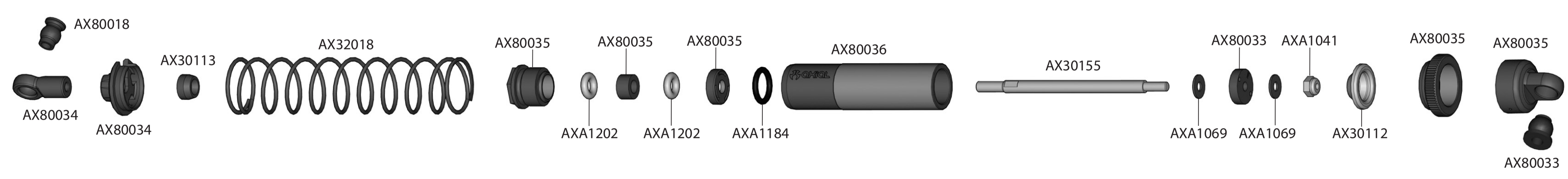
34



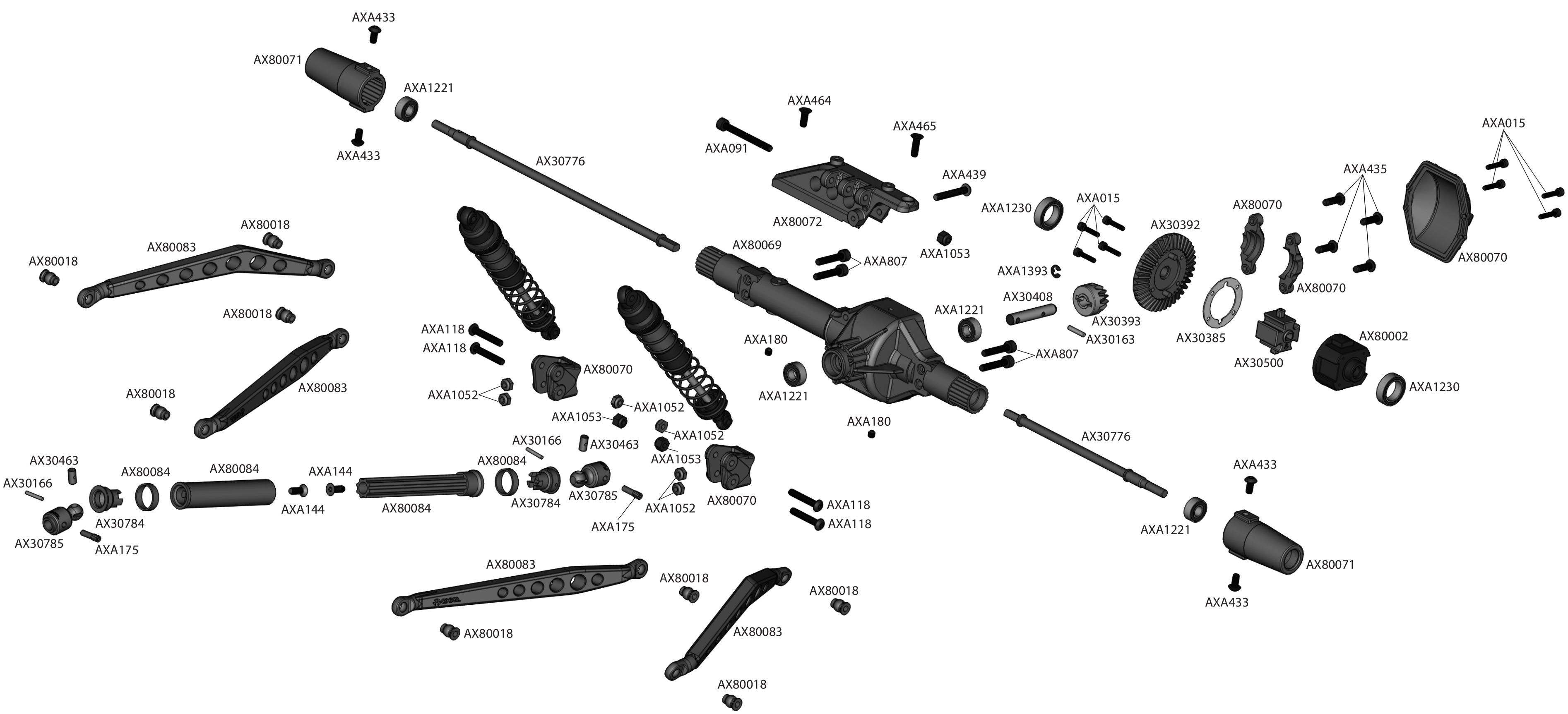
Front Assembly



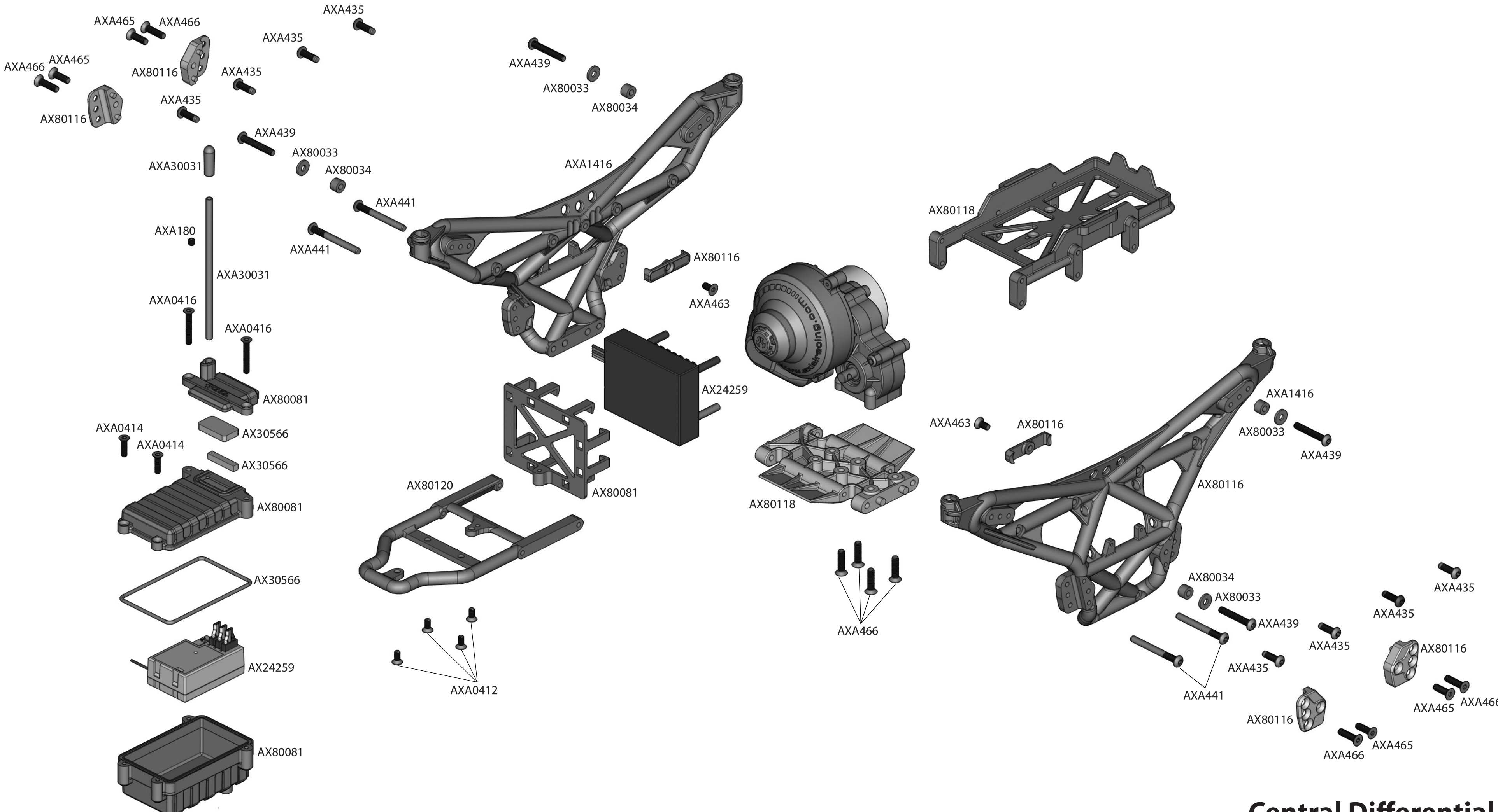
Shock Assembly



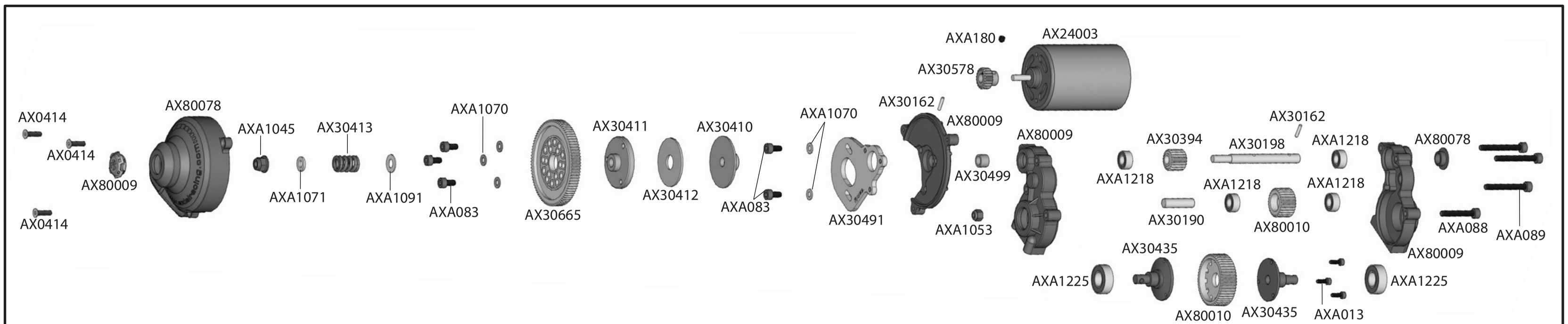
Rear Assembly



Central Assembly

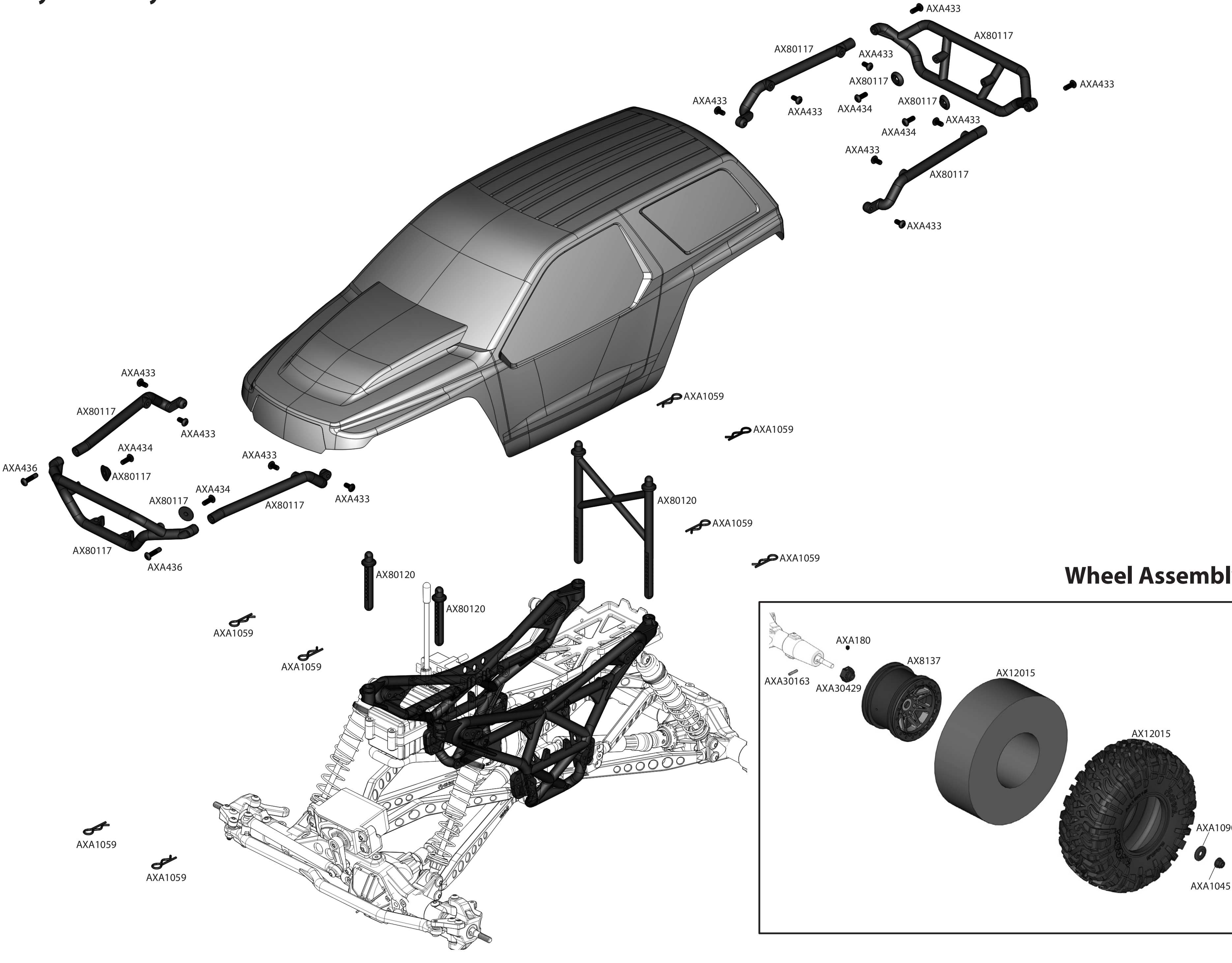


Central Differential



Body Assembly

Wheel Assembly

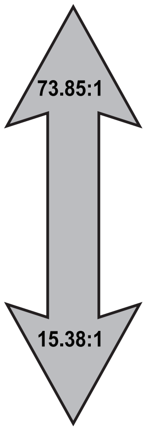


Gear Ratio / Getriebeübersetzung

Use this equation to calculate the final drive ratio.
Final Drive Gear Ratio = 1 / ((pinion/Spur) X .13)

Mit dieser Gleichung können Sie die Gesamtübersetzung berechnen.
Gesamtübersetzung = 1 / ((pinion/Spur) X .13)

Slower - More Torque
Langsamer - Mehr Kraft



Faster - Less Torque
Schneller - Weniger Kraft

48 Pitch										
	Spur									
Pinion	70	72	75	78	81	85	87	90	93	96
10								69.23	71.54	73.85
11								62.94	65.03	67.13
12							55.77	57.69	59.62	61.54
13							51.48	53.25	55.03	56.80
14						46.70	47.80	49.45	51.10	52.75
15						43.59	44.62	46.15	47.69	49.23
16						40.87	44.62	43.27	44.71	46.15
17						36.32	39.37	40.72	42.08	43.44
18					34.62	34.41	37.18	38.46	39.74	41.03
19					32.79	34.41	35.22	36.44	37.65	38.87
20					31.15	32.69	33.46	34.62	35.77	36.92
21				28.57	29.67	31.14	31.87	32.97	34.07	35.16
22				27.27	28.32	29.72	30.42	31.47	32.52	33.57
23				26.09	27.09	28.43	29.10	30.10	31.10	32.11
24			24.04	25.00	25.96	27.24	27.88	28.85	29.81	30.77
25			23.08	24.00	24.92	26.15	26.77	27.69	28.62	29.54
26			22.19	23.08	23.96	25.15	25.74	26.63	27.51	28.40
27		20.51	21.37	22.22	23.08	24.22	24.79	25.64	26.50	27.35
28		19.78	20.60	21.43	22.25	23.35	23.90	24.73	25.55	26.37
29	18.57	19.10	19.89	20.69	21.49	22.55	23.08	23.87	24.67	25.46
30	17.95	18.46	19.23	20.00	20.77	21.79	22.31	23.08	23.85	24.62
31	17.37	17.87	18.61	19.35	20.10	21.09	21.59	22.33	23.08	23.82
32	16.83	17.31	18.03	18.75	19.47	20.43	20.91	21.63	22.36	23.08
33	16.32	16.78	17.48	18.18	18.88	19.81	20.28	20.98	21.68	22.38
34	15.84	16.29	16.97	17.65	18.33	19.23	19.68	20.36	21.04	21.72
35	15.38	15.82	16.48	17.14	17.80	18.68	19.12	19.78	20.44	21.10

Wheels - Tires / Räder - Ermüdet

The is set up to be competitive right out of the box, however terrain, weather and driving style all affect the performance of the chassis. You can fine tune performance of

Der ist konstruiert, um aus der Schachtel konkurenzfähig zu sein, jedoch beeinflussen Gelände, Wetter und Fahrstil die Leistung vom Chassis. Sie können die Leistung Ihr

Adding Weight / Addiergewicht

You can add weight to the front axle to improve traction. Most users will use stick on wheel weights that fit inside the tire and mount to the wheel, but you can also use Airsoft pellets or BB's. You will have to experiment to determine how much weight to add.

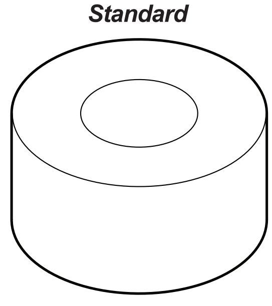
Sie können an der Vorderachse Gewicht hinzufügen um die Traktion zu verbessern. Die meisten Fahrer verwenden Aufsteckbare Rädergewichte die innerhalb des Reifens montiert werden, Sie können aber auch Airsoft Kugeln oder BB´s verwenden. Sie werden experimentieren müssen, um zu bestimmen, wieviel Gewicht Sie hinzufügen müssen.

Tire Flex / Reifen Flex

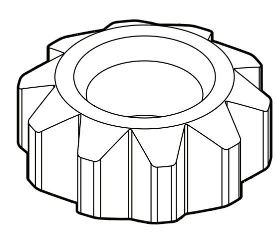
You can adjust the amount of tire flex you get by trimming your inner foam. Visit www.rccrawler.com to see all the choices you have before trimming your inner foams.

Sie können die Eigenschaften des Reifens durch trimmen der Reifeneinlage ändern. Besuchen Sie www.rccrawler.com, um Möglichkeiten für diese Änderung zu sehen, bevor Sie die Einlage bearbeiten.

Standard

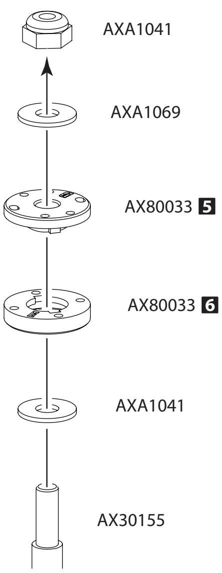


Trimmed



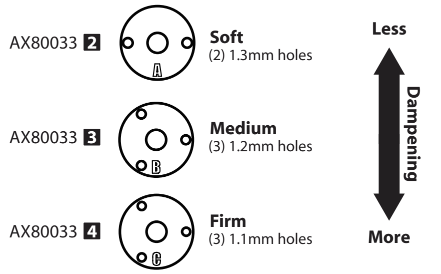
Shock Tuning / Stossdämpferabstimmung

Installation



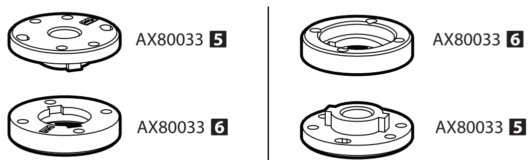
Pistons

Standard Pistons
Provides the same dampening rate on both compression and extension



Variable Rate Pistons
Provides a different dampening rate depending on which direction you install.

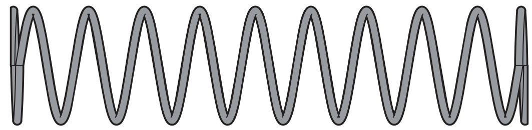




Install this direction for faster rebound and slower compression

Install this direction for Slower rebound and faster compression

Springs/Oil



Springs

Depending on the application you may want a firmer spring than what is included. Selecting a spring rate is based on each vehicles weight and handling and usually will require some trial and error.

For rock crawling applications it is recommended to use a stiffer spring on which ever corner is exhibiting torque twist.

Oil

Oils are another element you can use to tune the handling of your vehicle. You want an oil that allows the vehicle to handle the terrain well, but not too thin as to exhibit a springy bounce while driving.

We recommend starting with a good 30 wt. silicone oil. If you are looking for a faster rebound/compression rate use a lower weight oil. If you are looking for a slower rebound compression rate use a higher weight oil.



Parts List

Part #	Description
AX12015	2.2 Ripsaw Tires - S40 Compound (2pcs)
AX30031	Antenna
AX30041	Velcro Strap 15x160mm
AX30112	Shock Diaphragm 13x4.5mm (6pcs)
AX30113	Rubber Bump Stop 3.6x7x4 (6pcs)
AX30155	Shock Shaft 3x59.5 (2pcs)
AX30162	Pin 1.5x8mm (6pcs.)
AX30163	Pin 2.0x10mm (6pcs.)
AX30166	Pin 1.5x11mm (6pcs)
AX30190	Shaft 5x18 (2pcs.)
AX30198	Slipper Drive Gear Shaft 5x53.5
AX30218	Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)
AX30368	Axle 6x39mm (2pcs)
AX30385	Diff Gasket 16x25x0.5mm (2pcs)
AX30392	Bevel Gear Set (38/13)
AX30394	20T Drive Gear
AX30408	Input Shaft 5x29mm (2pcs)
AX30410	Inner Slipper Plate
AX30411	Outer Slipper Plate
AX30412	Slipper pad 27x8x1mm
AX30413	Slipper spring 8.5x12 165 lbs/in - Black (2pcs)
AX30419	AR60 OCP Front Dogbone Set (2pcs)
AX30429	12mm Aluminum Hub (Black) (4pcs)
AX30435	Steel Outdrive Shaft Set (2pcs)
AX30450	Flange Pipe 3x4.5x5.5 (4pcs)
AX30463	WB8 Universal Joint Rebuild Kit (2pcs)
AX30491	AX10 RTR Motor Plate
AX30499	Transmission Spacer 5x6.9x4.8mm - Grey (2pcs)
AX30500	Heavy Duty Locker (2pcs)
AX30566	Radio Box Gasket Set (3pcs)
AX30578	Pinion 48DP 20 T
AX30672	Spur 48DP 87T
AX30776	AR60 OCP Rear Axle Set (2pcs)
AX30777	56x17mm Servo Plate
AX30778	Zero Ackerman Steering Plate (2pcs)
AX30784	WB8 Driveshaft Coupler Set
AX80002	Diff Case -Small
AX80006	Servo Set
AX80009	Transmission Set
AX80010	Gear Set
AX80018	Hardware Parts Tree
AX80033	10mm Shock Parts Tree 1
AX80034	10mm Shock Parts Tree 2
AX80035	10mm Shock Caps Parts Tree
AX80036	72-103mm Shock Body
AX80061	XR10 Steering Knuckles Set
AX80062	XR10 C Hub Carrier Set
AX80069	AR60 OCP Axle Housing
AX80070	AR60 OCP Differential Cover
AX80071	AR60 OCP Straight Axle Adapter
AX80072	AR60 OCP 4-Link Mount
AX80073	AR60 OCP Steering Link
AX80078	Transmission Spur Gear Cover
AX80081	Wraith Tube Frame Electronics Box
AX80083	Wraith Links Set
AX80084	WB8 Driveshaft
AX8137	2.2 Rebel Wheels - 41mm Wide (Chrome) (2pcs)
AX80116	RTC Chassis Sideplate
AX80117	RTC Body Cage/Mounts
AX80118	RTC Battery Tray/Skid Plate
AX80120	RTC Body Mounts/Receiver Mount
AX4032	Lexan Body "RidgeCrest"
AXA013	M2x6mm Cap Head (Black Oxide)
AXA015	M2x10mm Cap Head
AXA083	M3x6mm Cap Head (Black)
AXA087	M3x16mm Cap Head (Black)
AXA088	M3x20mm Cap Head (Black)
AXA089	M3x25mm Cap Head (Black)
AXA091	M3x30mm Cap Head (Black)
AXA1041	Nylon Locknut 2.5
AXA1045	M4 Nylon Lock Nut (Black)
AXA1052	M3 Thin Nylon Locking Hex Nut (BLACK)

Part #	Description
AXA1053	M3 Nylon Locking Hex Nut (BLACK)
AXA1059	6mm Body Clip (black)
AXA1069	WASHER 2.7x6.7x0.5
AXA1070	WASHER 3x6x0.5
AXA1071	Washer 4x8x1mm
AXA1090	Washer 4.8x14 (Green)
AXA1091	WASHER 3x6x0.5
AXA0113	M3x6mm Hex Socket Button Head (Black) (10pcs)
AXA117	M3x15mm Hex Socket Button Head (Black)
AXA118	M3x18mm Hex Socket Button Head (Black)
AXA1184	O-Ring 7.5x1.5mm (S8)
AXA1202	O-Ring 3.5x2mm
AXA1280	M3x10mm Servo Flange Screw
AXA1393	E2.5 e-clip (10pcs)
AXA144	M3x8mm Hex Socket Flat Head (Black)
AXA180	M3x3mm Set Screw (Black)
AXA0412	M2.6x6mm Hex Socket Tapping Flat Head (Black)
AXA0413	M2.6x8mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA0414	M2.6x10mm Hex Socket Tapping Flat Head (Black)
AXA0416	M2.6x18mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA433	M3x6mm Hex Socket Tapping Button Head (Black)
AXA434	M3x8mm Hex Socket Tapping Button Head (Black)
AXA435	M3x10mm Hex Socket Tapping Button Head (Black)
AXA436	M3x12mm Hex Socket Tapping Button Head (Black)
AXA0439	M3x20mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA441	M3x30mm Hex Socket Tapping Button Head (Black)
AXA463	M3x6mm Hex Socket Tapping Flat Head (Black)
AXA464	M3x8mm Hex Socket Tapping Flat Head (Black)
AXA465	M3x10mm Hex Socket Tapping Flat Head (Black)
AXA466	M3x12mm Hex Socket Tapping Flat Head (Black)
AXA467	M3x16mm Hex Socket Tapping Flat Head (Black)
AXA1090	Washer 4.8x14 (Green)
AXA1356	Silicone Shock Bushing 7.5x8mm (6pcs)
AXA0175	Screw Shaft M3x2.5x11mm (10pcs)
AXA1218	Bearing 5x10x4mm
AXA1221	Bearing 5x11x4mm
AXA1225	Bearing 8x16x5mm
AXA1230	Bearing 10x15x4mm
AXA1416	Aluminum Spacers

Electronics

Part #	Description
AX24003	Axial 20T Electric Motor
AX24204	Axial 2.4Ghz Radio System (2 Channel)
AX24207	AS-3 Servo - BMS-820DMG-R (10 kgs / 0.1~0.2 sec)
AX24259	Axial AE-2 Forward/Reverse ESC w/Drag Brake

Option Parts

Part #	Description
AX24004	Axial 27T Electric Motor
AX24007	Axial 55T Electric Motor
AX24251	Axial NVS - Night Visions System
AX24252	Axial Double LED Light String (White LED)
AX24253	Axial Double LED Light String (Red LED)
AX24254	Axial Double LED Light String (Orange LED)
AX24255	Axial Single LED Light String (White LED)
AX24256	Axial 5 LED Light String (White LED)
AX30218	Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)
AX30219	Spring 14x70mm 2.47 lbs/in - Soft (White) (2pcs)
AX30220	Spring 14x70mm 2.85 lbs/in - Medium (Green) (2pcs)
AX30221	Spring 14x70mm 3.27 lbs/in - Firm (Yellow) (2pcs)
AX30222	Spring 14x70mm 3.55 lbs/in- Super Firm (Blue) (2pcs)
AX30223	Spring 14x70mm 1.04 lbs/in - Black (2pcs)
AX30224	Spring 14x70mm 1.43 lbs/in - Purple (2pcs)
AX30225	Spring 14x70mm 1.75 lbs/in - Orange (2pcs)
AX30395	Heavy Duty Bevel Gear Set 38T/13T
AX30401	Heavy Duty Bevel Gear Set 36T/14T
AX30402	Heavy Duty Bevel Gear Set 43T/13T
AX12015	2.2 Ripsaw Tires - R35 Compound (2pcs)
AX30092	Aluminum Competition 72-103mm Shock Set - 10mm Piston (2pcs)
AX30110	13mm Aluminum Preload Collar (2pcs)
AX30111	Aluminum Shock Cap (2pcs)
AX30112	Shock Diaphragm 13x4.5mm (6pcs)

Parts List

Part #	Description
AX30113	Rubber Bump Stop 3.6x7x4 (6pcs)
AX30120	Aluminum Shock Body 12x47.5mm (2pcs)
AX30155	Shock Shaft 3x59.5 (2pcs)
AX80033	10mm Shock Parts Tree 1
AX80034	10mm Shock Parts Tree 2
AX80035	10mm Shock Caps Parts Tree
AX80036	72-103mm Shock Body
AXA1041	Nylon Locknut 2.5 (10pcs)
AXA1069	Washer 2.7x6.7x0.5 (10pcs)
AXA1184	O-Ring 7.5x1.5mm (S8) (10pcs)
AXA1188	O-Ring 12x1.5mm (S12.5) (10pcs)
AXA1202	O-Ring 3.5x2mm (10pcs)
AXA1356	Silicone Shock Bushing 7.5x8mm (6pcs)
AX30438	10mm Machined Piston - 1.2 (4pcs)
AX30571	Pinion 48P 13T – Steel
AX30572	Pinion 48DP 14T
AX30573	Pinion 48P 15T – Steel
AX30672	Spurs 48DP 87T
AX30760	XR10 Aluminum Steering Knuckle (Black) (2pcs)
AX30762	XR10 Aluminum C-Hub Carrier (Black) (2pcs)
AX30780	Universal Joint Axles
AX30786	WB8 Driveshaft Retainer Ring
AX30789	Axial AR60 OCP Aluminum Straight Axle Hub Carries
AX30834	Aluminum Servo Horn 23T
AX30835	Aluminum Servo Horn 24T
AX30836	Aluminum Servo Horn 25T
AX30829	Axial AR60 OPC Machined Low Profile Differential Cover
AX30830	Axial AR60 OPC Machined Link Mounts
AX30790	Machined Heavy Duty Aluminum Straight Link 101mm - Grey (2pcs)
AX30791	Hi-Clearance Threaded Aluminum Links 7x85mm - Grey (2pcs)
AX30792	Threaded Aluminum Links 7x87.5mm - Grey (2pcs)
AX30797	Wraith Stage 1 Aluminum Links Kit
AX30860	Machined Motor Plate (Hard Anodized)
AX30545	2.2 Internal Wheel Weight Rings (2pcs)
AX30546	2.2 Internal Wheel Weight Inserts 21g/0.75oz (4pcs)
AX08061	2.2 VWS Beadlock Wheels (Black) (2pcs) (Fits XR10)
AX08069	2.2 VWS Beadlock Rings (Black) (2pcs)
AX8090	Axial 2.2 Rockster Beadlocks (White)
AX8091	Axial 2.2 Rockster Beadlocks (Black)
AX8092	Axial 2.2 Rockster Beadlocks (Chrome)
AX8095	Axial 2.2 Rockster Beadlocks (Black Chrome)
AX8096	2.2 8 Hole Beadlocks (White)

Part #	Description
AX8097	2.2 8 Hole Beadlocks (Black)
AX8098	2.2 8 Hole Beadlocks (Satin Chrome)
AX8099	2.2 8 Hole Beadlocks (Black Chrome)
AX8107	2.2 Beadlock Ring - Orange (2pcs)
AX8108	2.2 Beadlock Ring - Green (2pcs)
AX8109	2.2 Beadlock Ring - Purple (2pcs)
AX8110	2.2 Beadlock Ring - Blue (2pcs)
AX8111	2.2 Beadlock Ring - Red (2pcs)
AX8112	2.2 Beadlock Ring - Grey (2pcs)
AX8113	2.2 Rock Beadlock Ring - Green (2pcs)
AX8114	2.2 Rock Beadlock Ring - Purple (2pcs)
AX8115	2.2 Rock Beadlock Ring - Blue (2pcs)
AX8116	2.2 Rock Beadlock Ring - Red (2pcs)
AX8117	2.2 Rock Beadlock Ring - Grey (2pcs)
AX8118	2.2 Rock Beadlock Ring - Orange (2pcs)
AX08132	2.2 VWS Machined Beadlock Rings (Orange) (2pcs)
AX08133	2.2 VWS Machined Beadlock Ring (Grey) (2pcs)
AXA1331	Flanged Ball 3x5.8x7mm (6pcs)
AX30536	Dig Engager Output
AX30536	Dig front engager
AX30536	Dig Splined Part
AX80051	Dig Slider Shaft
AX80051	Dig Slider Fork
AX80051	Dig Slider Fork Shaft
AX80051	Dig Micro Servo Plate
AX80051	Dig Transmission Case
AX80068	Dig Linkage 1
AX80068	Ball End 5.8x10
AX80068	Flange Pipe 3x4.5x5.5
AX80068	Dig Linkage 2
AXA114	M3x8mm Hex Socket Button Head (Black)
AXA116	M3x12mm Hex Socket Button Head - Black
AXA1243	Bearing 4x7x2.5mm
AXA1243	Bearing 15x21x4mm
AXA1392	E2 e-clip
AXA1221	Bearing 5x11x4mm
AXA1225	Bearing 8x16x5mm
AXA1280	M3x10mm Servo Flange Screw
AXA0113	M3x6mm Hex Socket Button Head (Black)
AXA434	M3x8mm Hex Socket Tapping Button Head (Black)
AXA464	M3x8mm Hex Socket Tapping Flat Head (Black)

NOTES



AR60 OCP-AXLE™

OFF CENTER PUMPKIN DESIGN

Locked differentials provide better rock crawling capabilities and the offset pumpkin gives you more ground clearance and a better driveshaft angle. The rear axle has been shaved of any unnecessary items to achieve as much ground clearance as possible by removing steering linkages that normally stick down causing clearance issues. To spread stress load, the AR60 OCP-Axle™ tubes are beefed up with boxed-in sections starting on the pumpkin side past the center of axle. The AR60 OCP-Axle™ is fabricated with pick-up points for a 4-link suspension in conjunction with the geometry specifications. The AR60 OCP-Axle™ is constructed from high strength composite material, more expensive than standard glass filled nylon. The properties of the composite material has a low material flex rate similar to glass filled nylon, but not as brittle.

2.4GHz RADIO SYSTEM





PERFORMANCE

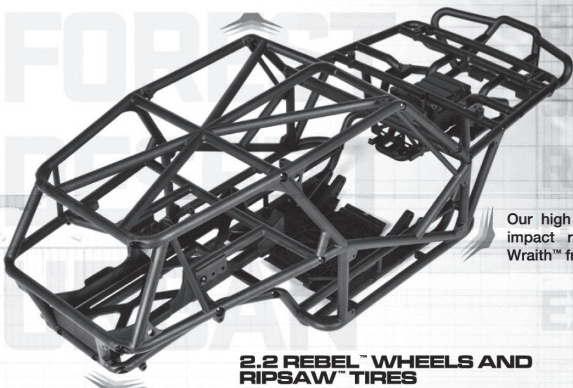
COMPETITION SHOCKS

Axial competition shocks feature threaded shock bodies for tuning and easy pre-load adjustment, 3.5mm titanium nitride coated shock shafts for reduced lateral movement, silicone diaphragms for a more consistent feel and silicone bushings to prevent binding. These shocks are also upgradable with a variety of aluminum options to further increase suspension performance.

FULL TUBE FRAME

COMPOSITE CHASSIS

The most realistic high strength composite tube frame chassis. Based on the Night Stalker II Chassis built by Jake Hallenbeck.



Our high strength composite plastic is impact resistant to help protect the Wraith™ from crash damage.



BATTERY TRAY

FOR STANDARD STICK PACK AND LIPO PACKS

Battery: 7.2v Stick Pack/2S LiPo Pack up to 47x150x28mm (W x L x D) in size.

47mm
150mm
28mm

MAX BATTERY SIZE

2.2 REBEL™ WHEELS AND RIPSAW™ TIRES

Ripsaw™ tires are mounted and pre-glued to 8-spoke Rebel™ wheels right from the factory. The Axial 2.2 Ripsaw™ tire offers both a realistic and aggressive tread design for the ultimate scale appearance and performance. Rebel™ wheels are made from a strong composite material which is both lightweight and durable.

AE-2 ESC

The Axial AE-2 ESC was developed in partnership with Castle Creations and features LiPo cutoff, drag brake for tough crawling situations, a Tamiya style plug connector and is programmable via Castle Link™ (Castle Link™ not included).

DRAG BRAKE!



20T MOTOR

Tear up the terrain, be it flat out desert, rocky roads or crawling! Easy operation: no tuning, no fuel, no loud exhaust noise. Just plug'n'go! Our design allows for optional 550 size motors to fit as well.



20T



HIGH SPEED DESERT ACTION



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DESERT
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1/10th SCALE ELECTRIC 4WD ROCK RACER
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ANY CATEGORY, EVERY STYLE, ALL TERRAIN.
THE AXIAL WRAITH™ IS THE MOST VERSATILE PLATFORM;
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